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Late Jurassic Sedimentation in the Boreal-Tethyan Seaway: climate modelling, geochemistry, and petrography of the Kimmeridge Clay Formation

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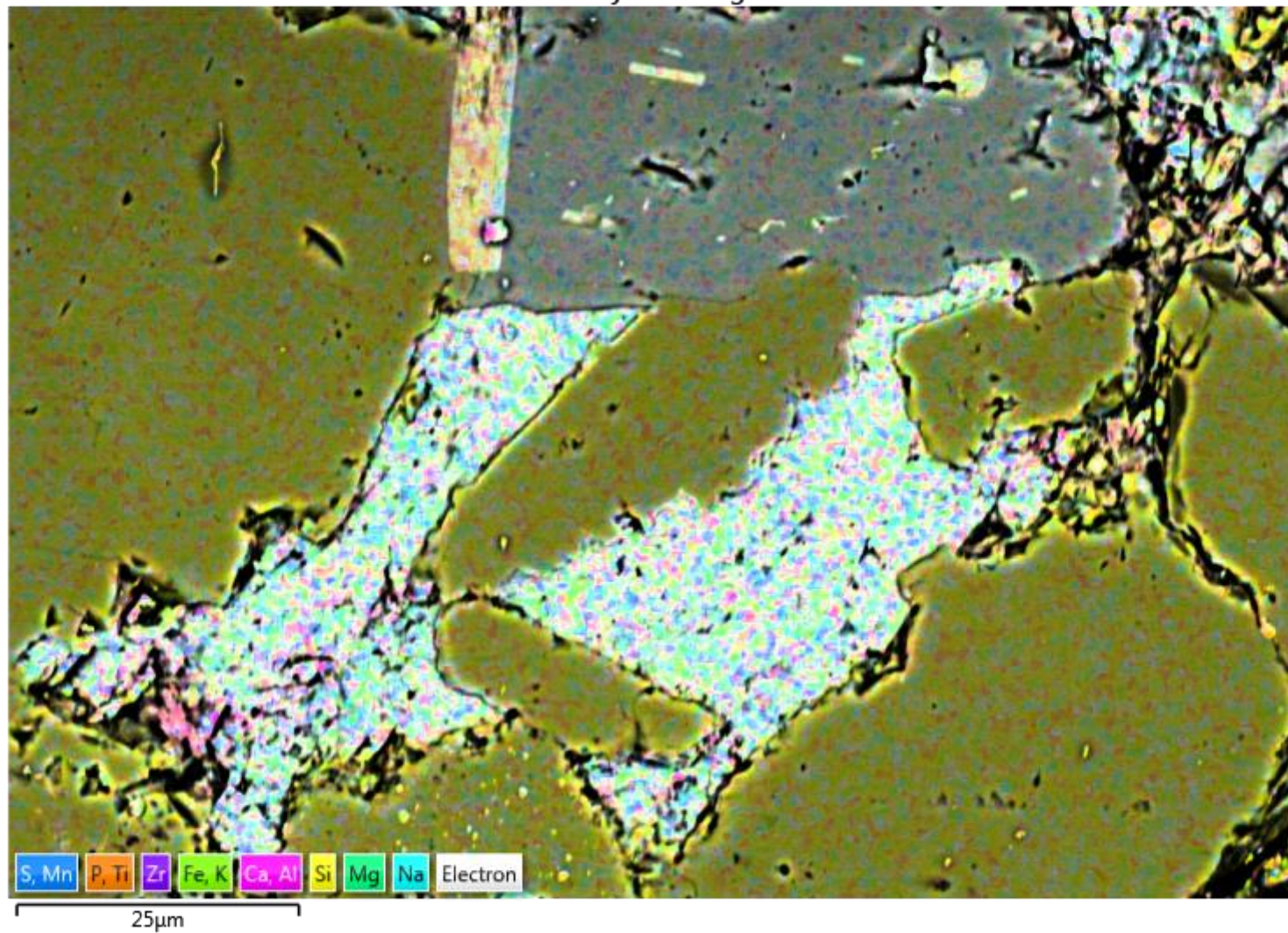
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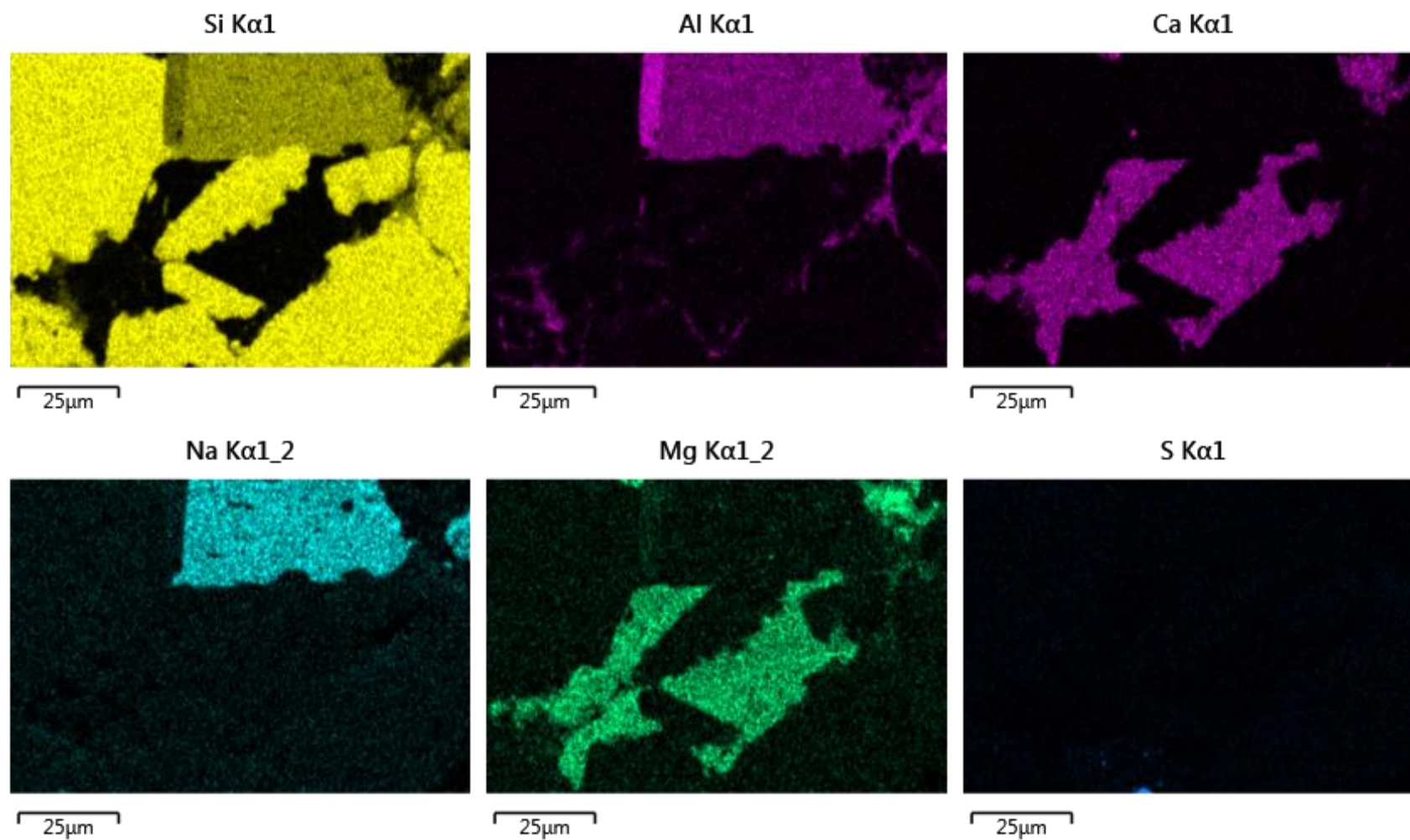
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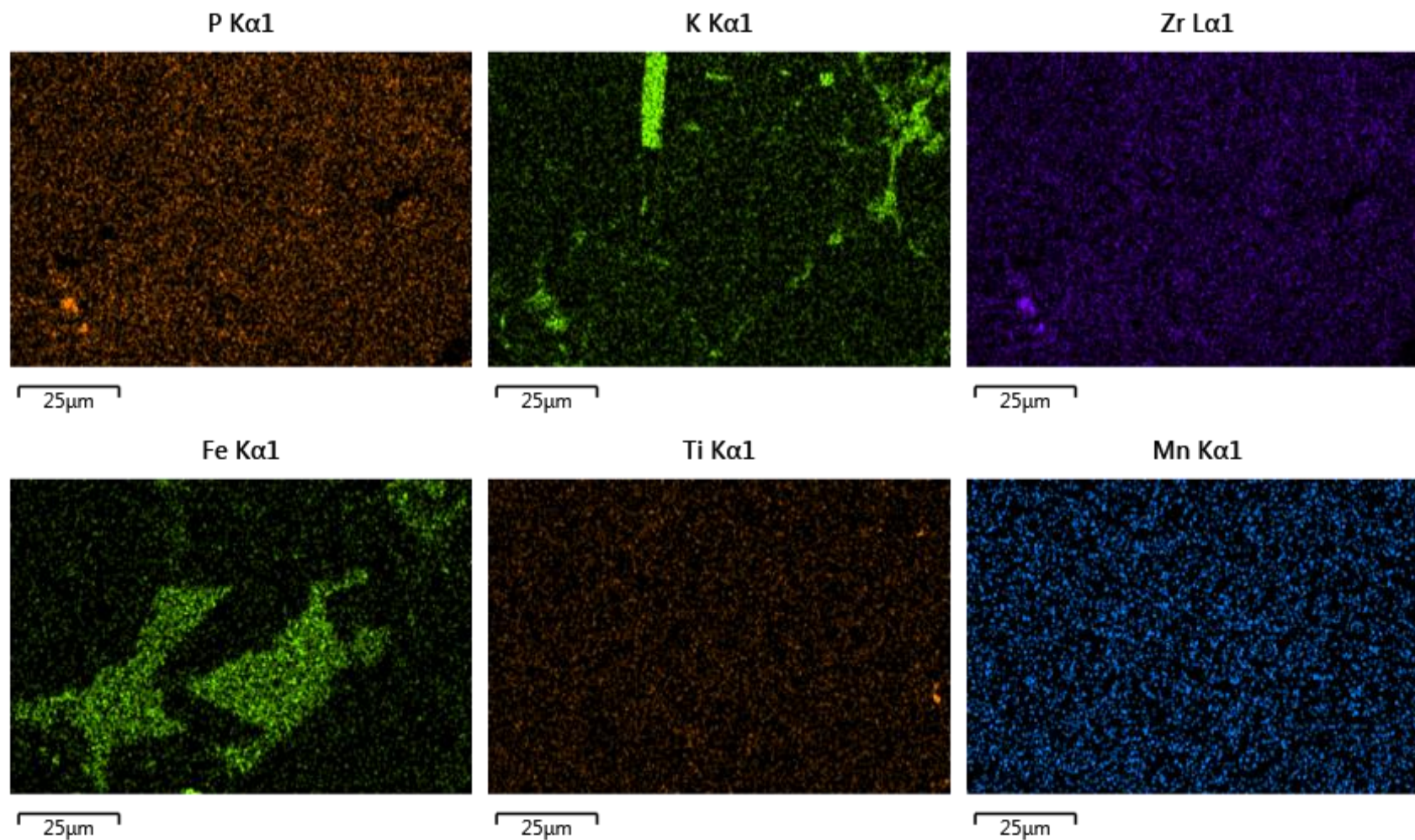
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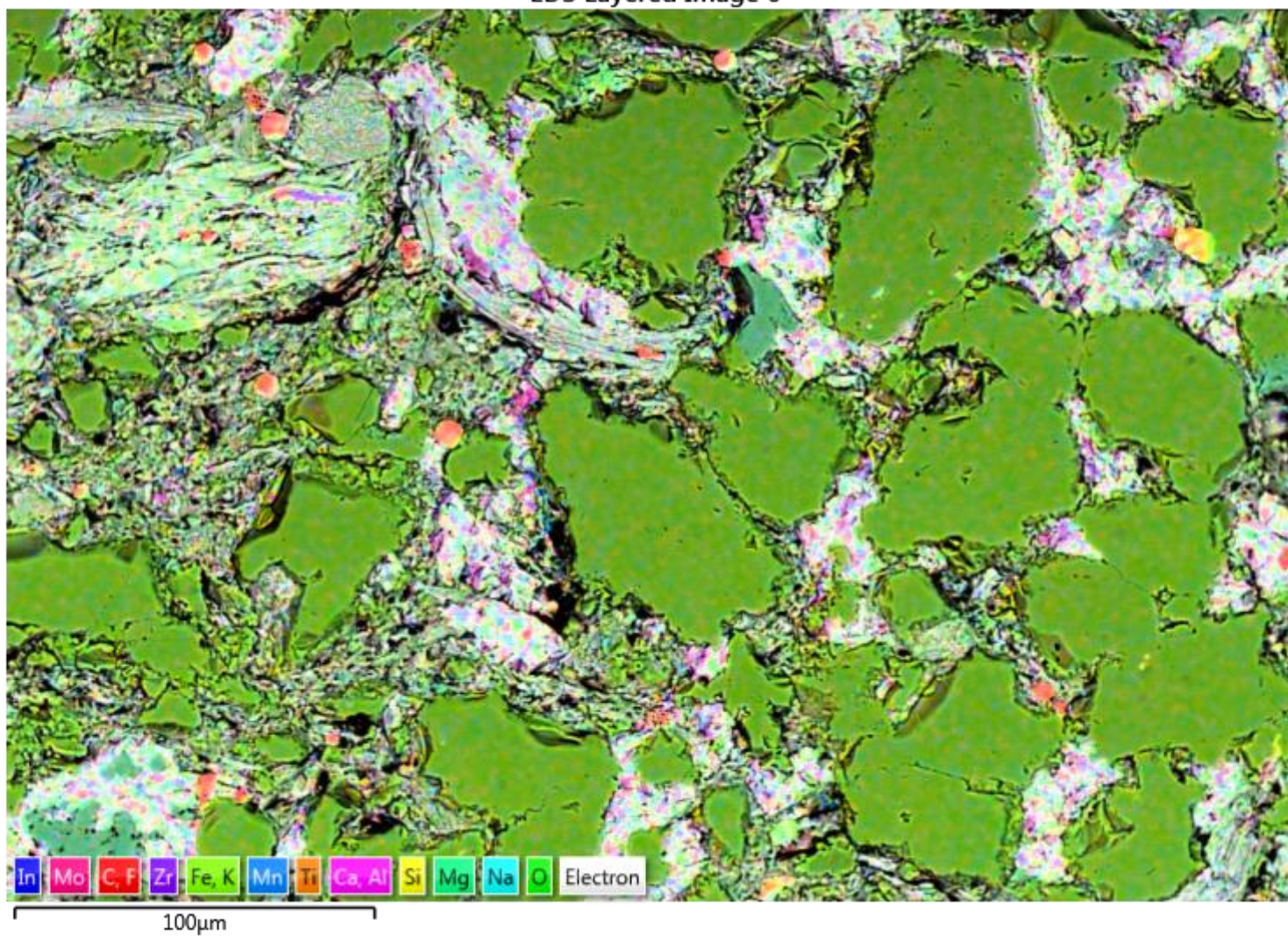
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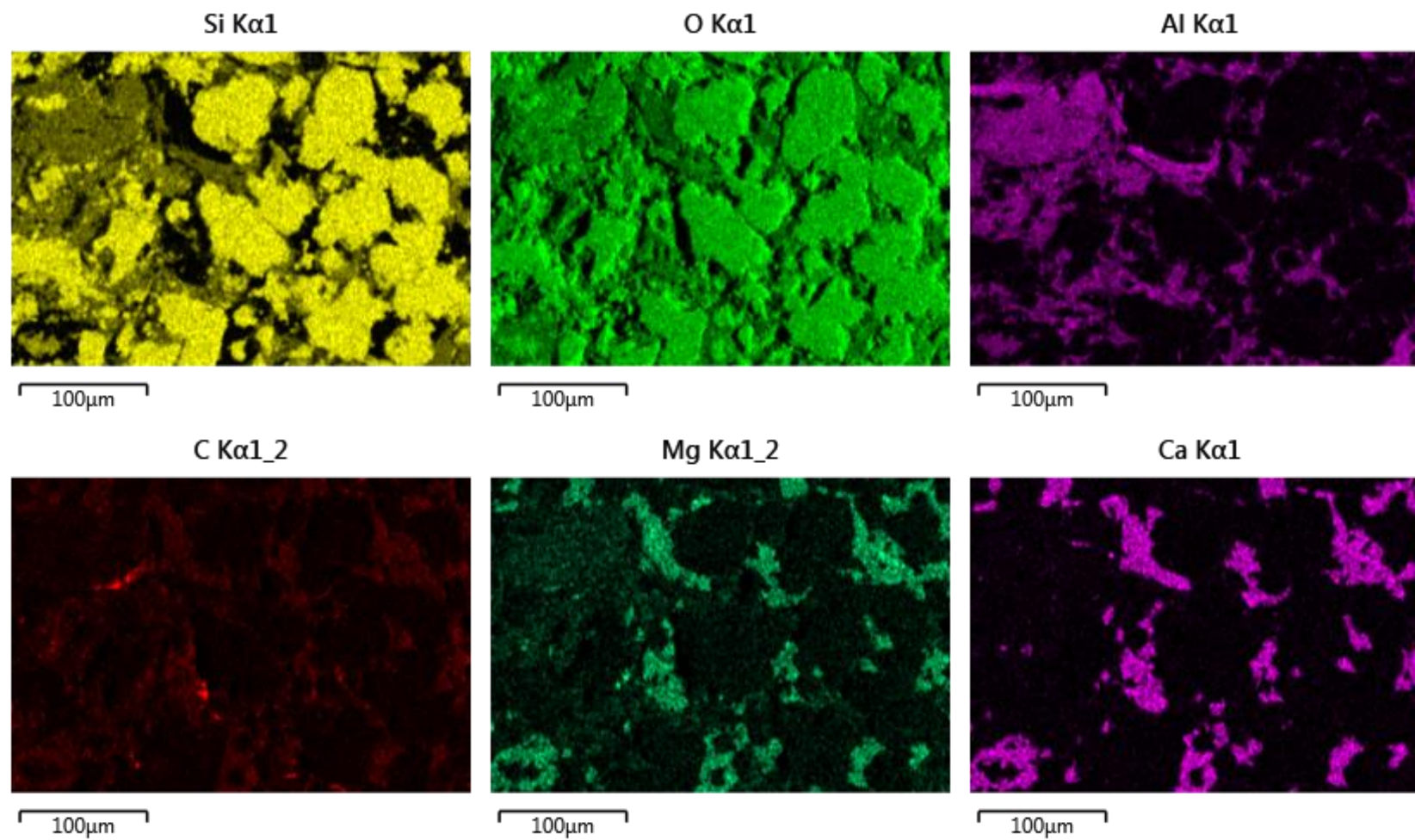


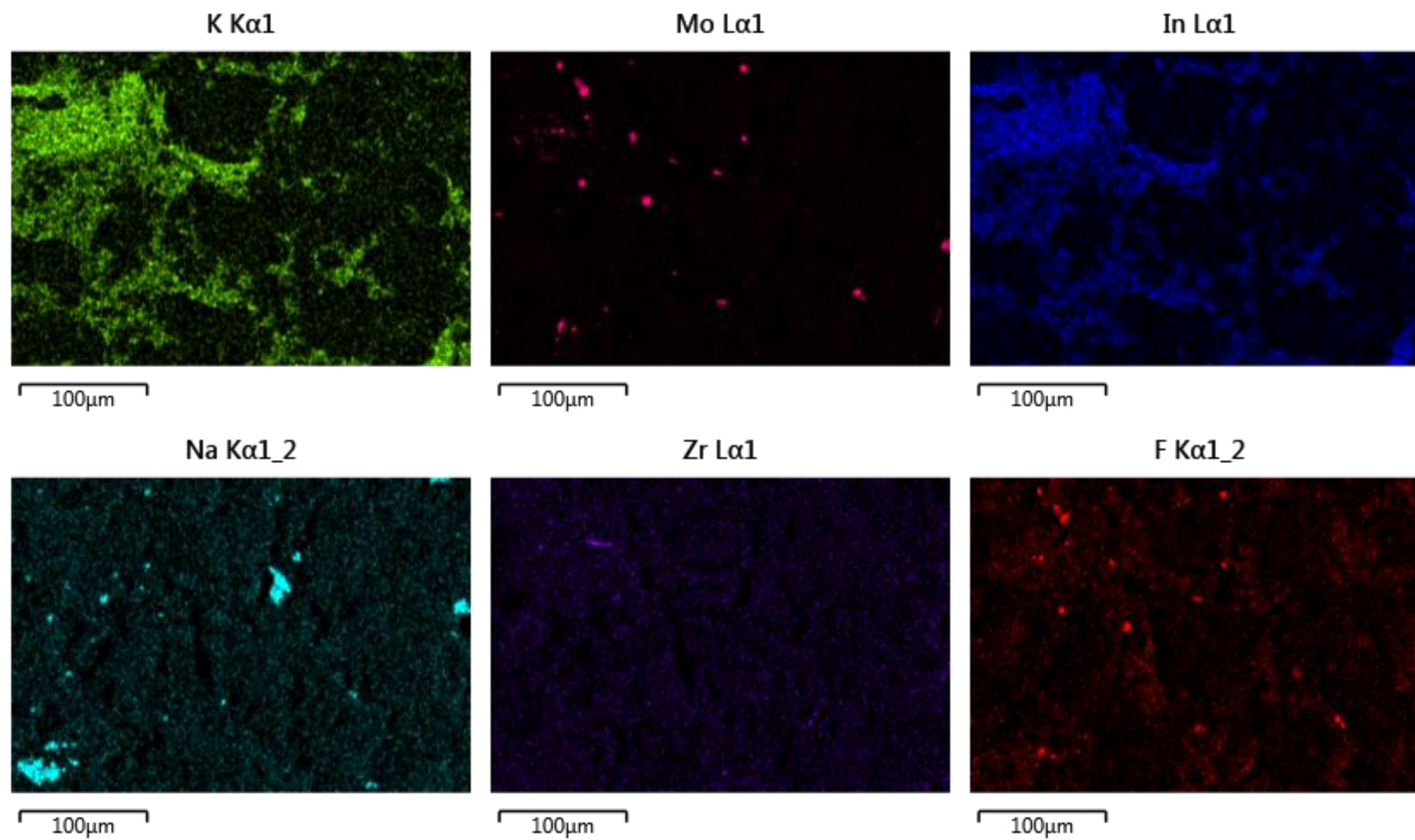


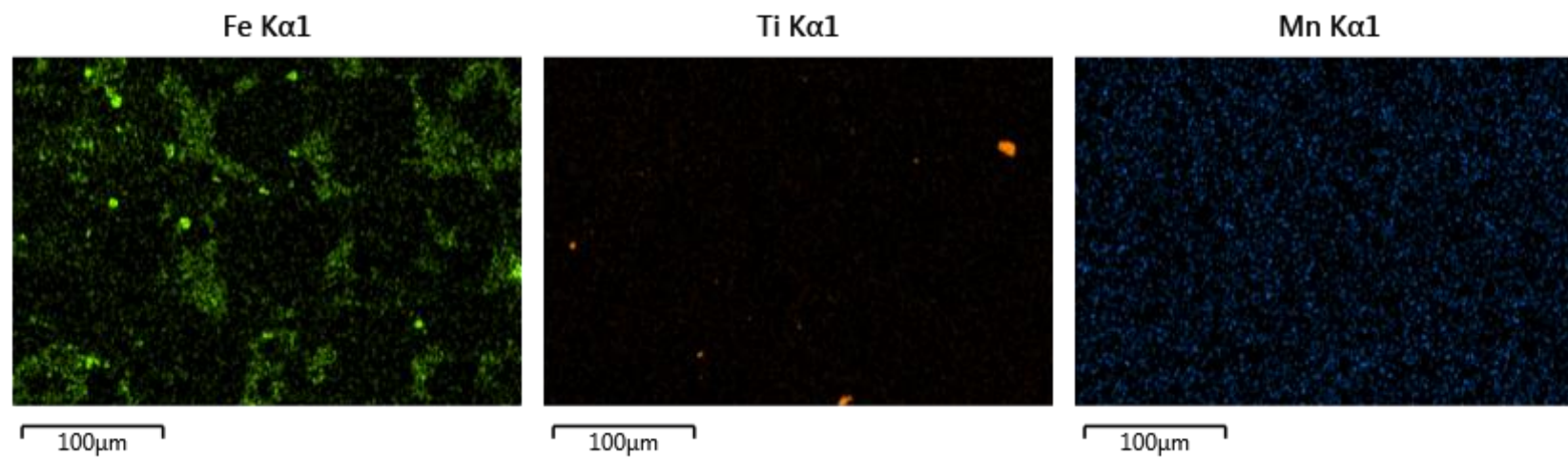


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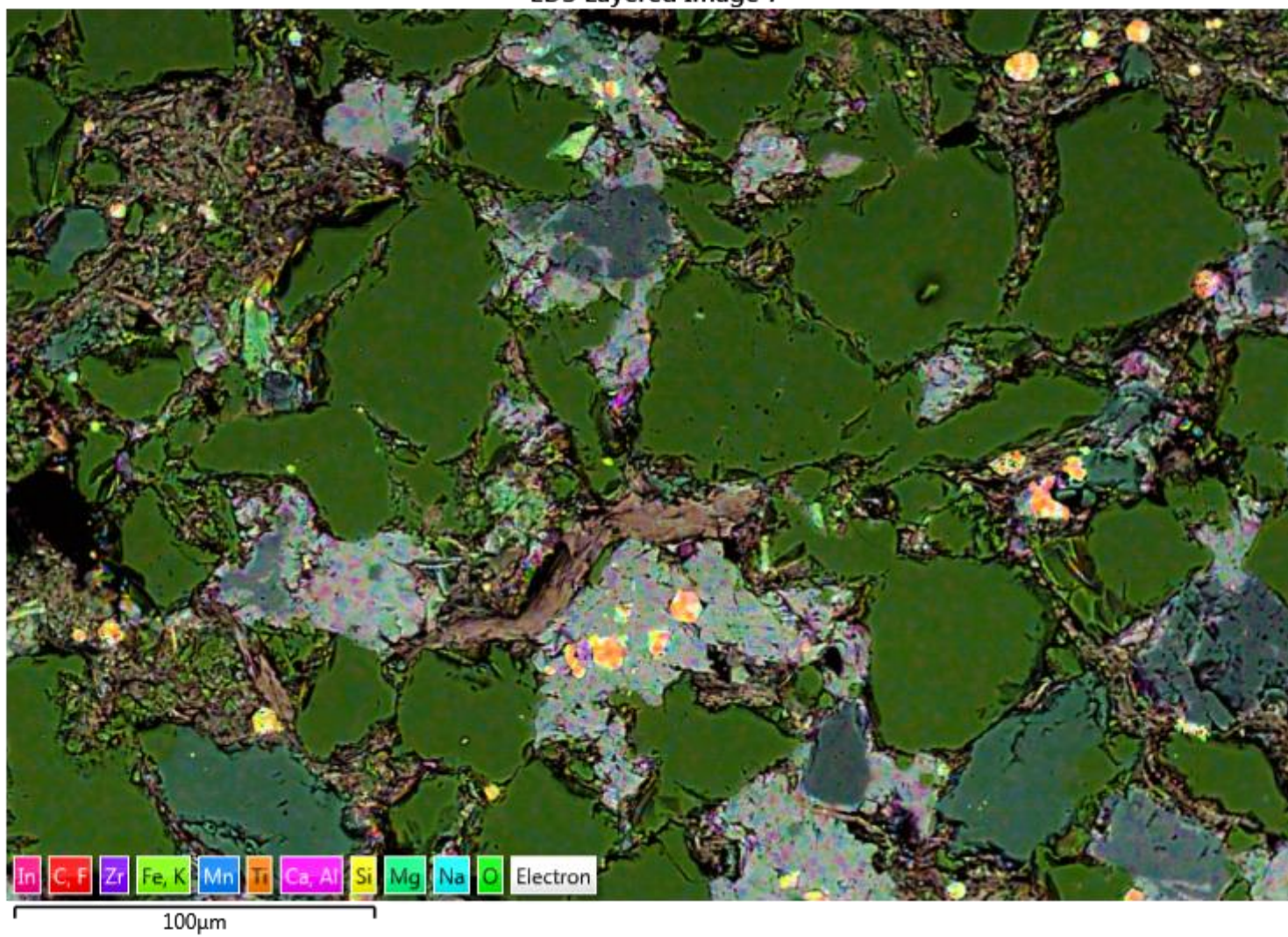


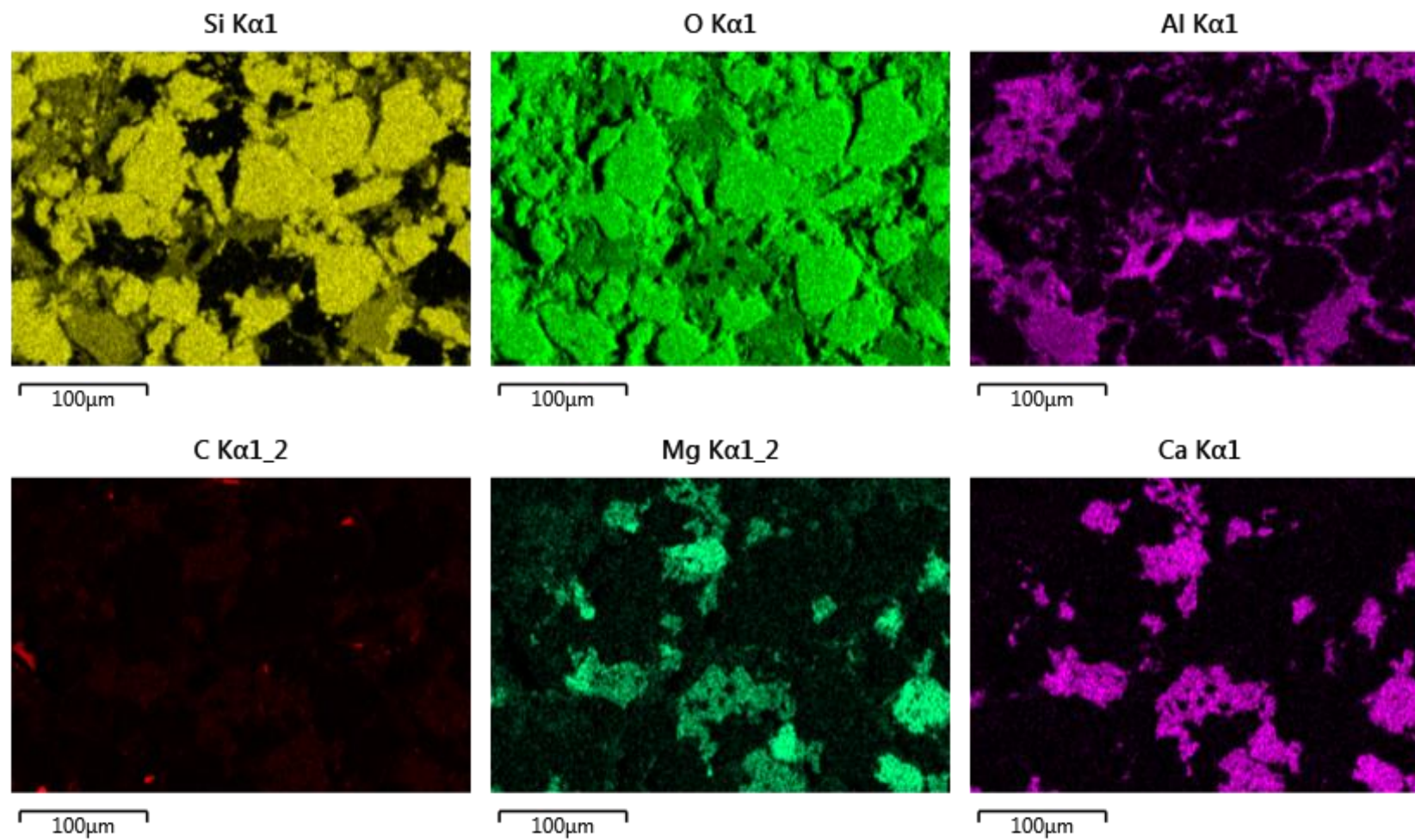


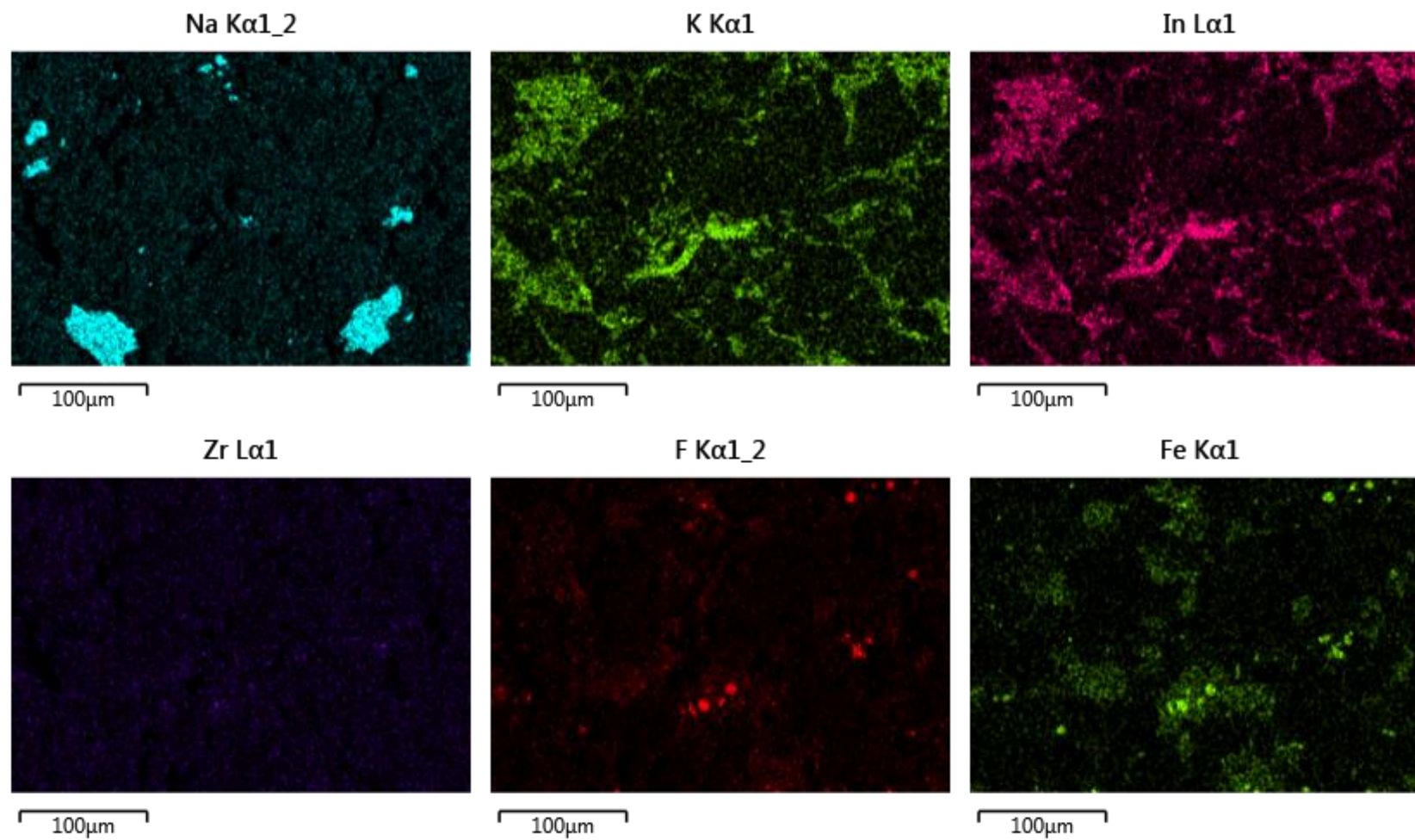


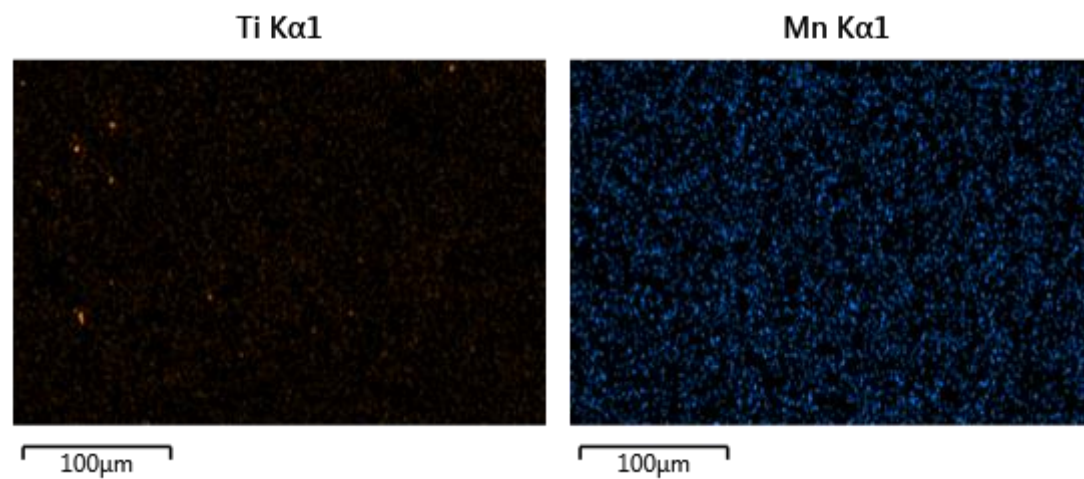


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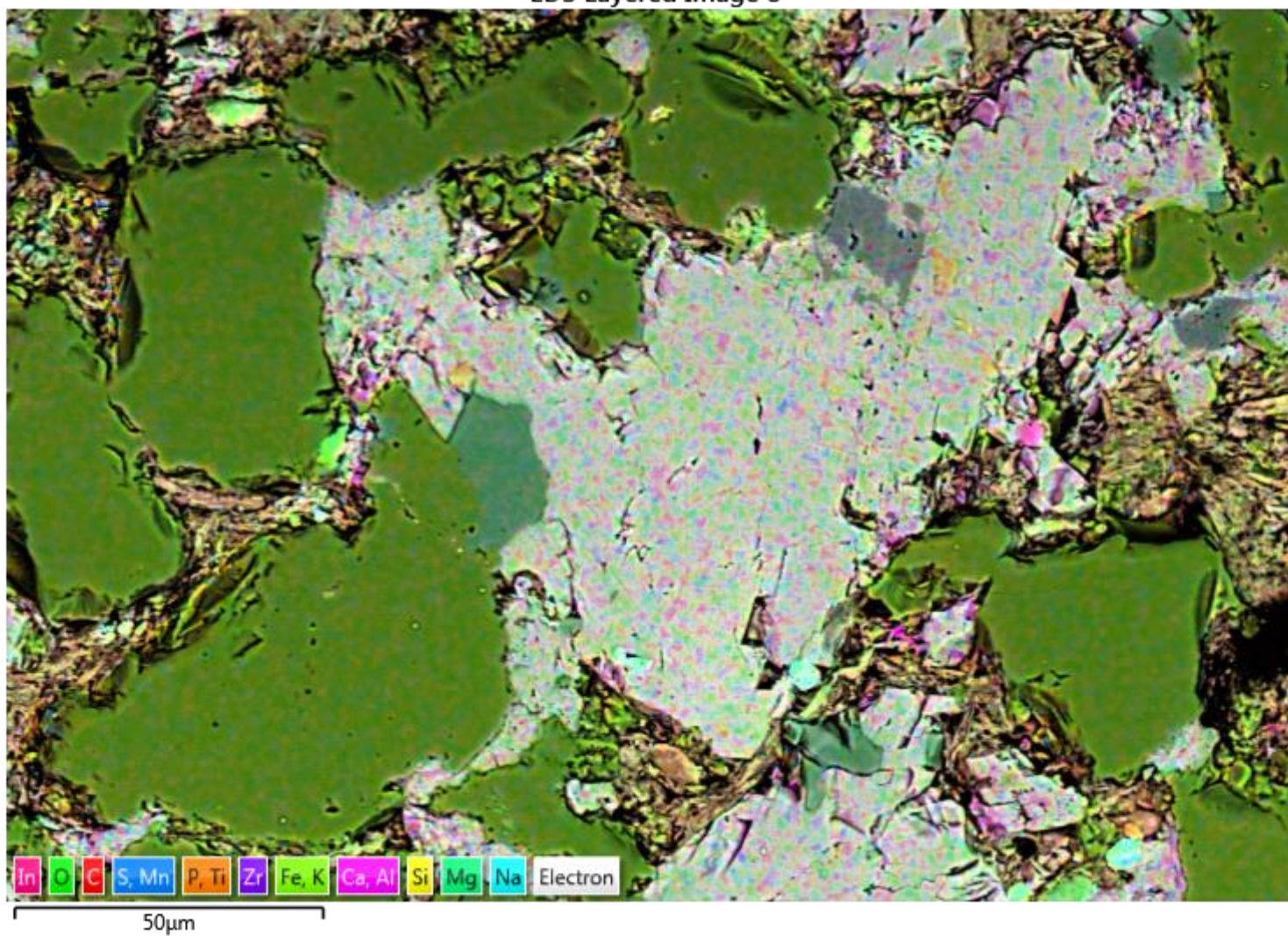


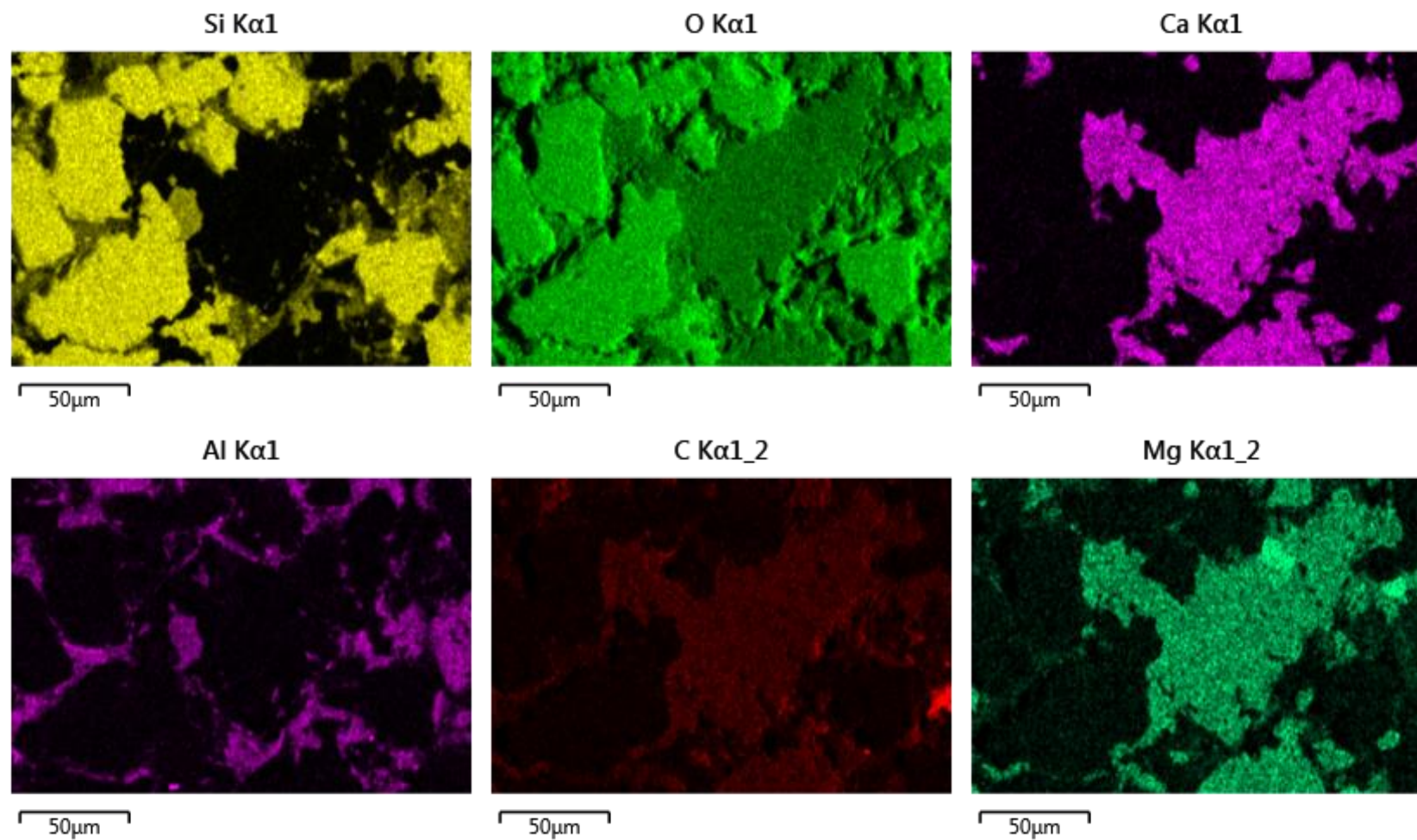


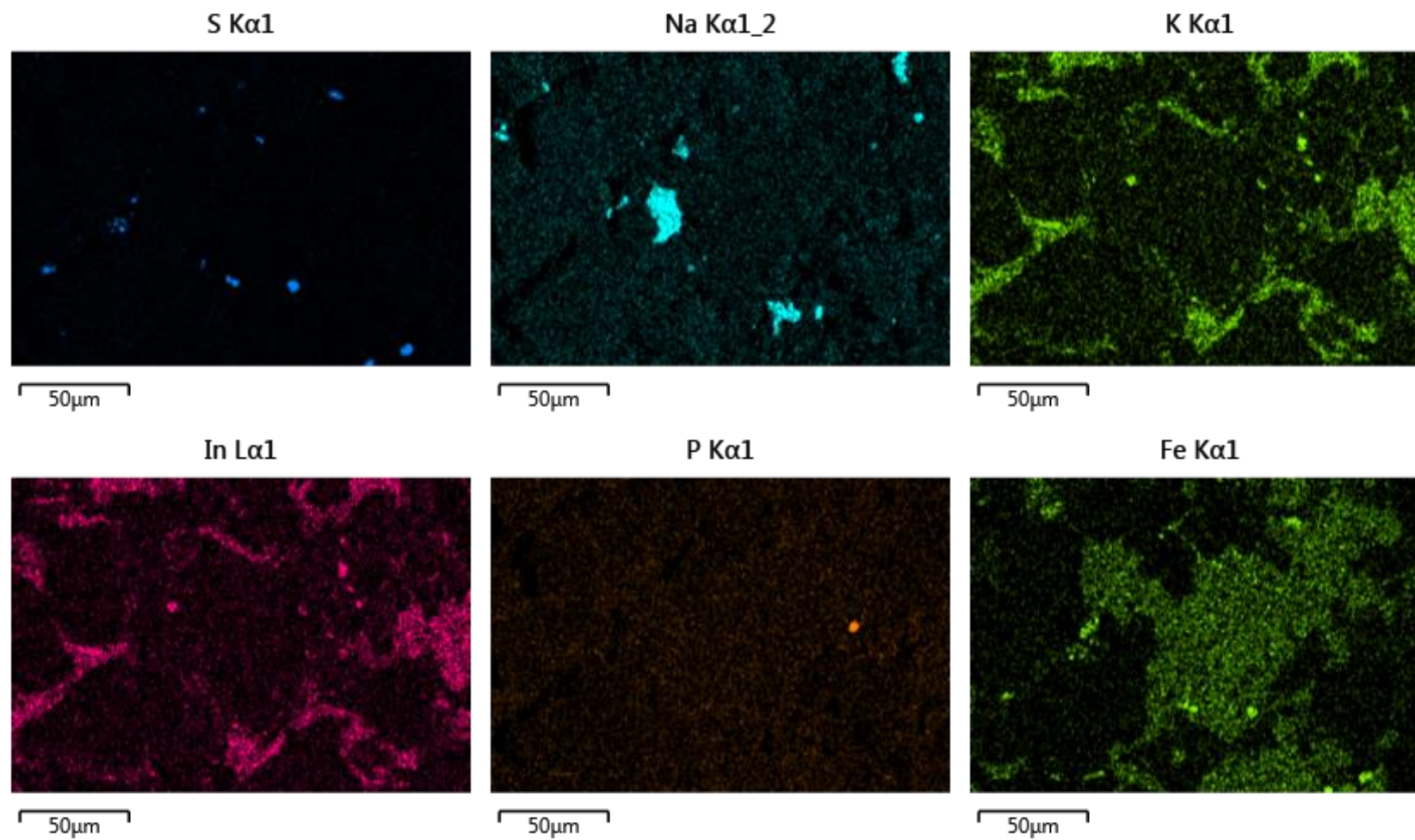


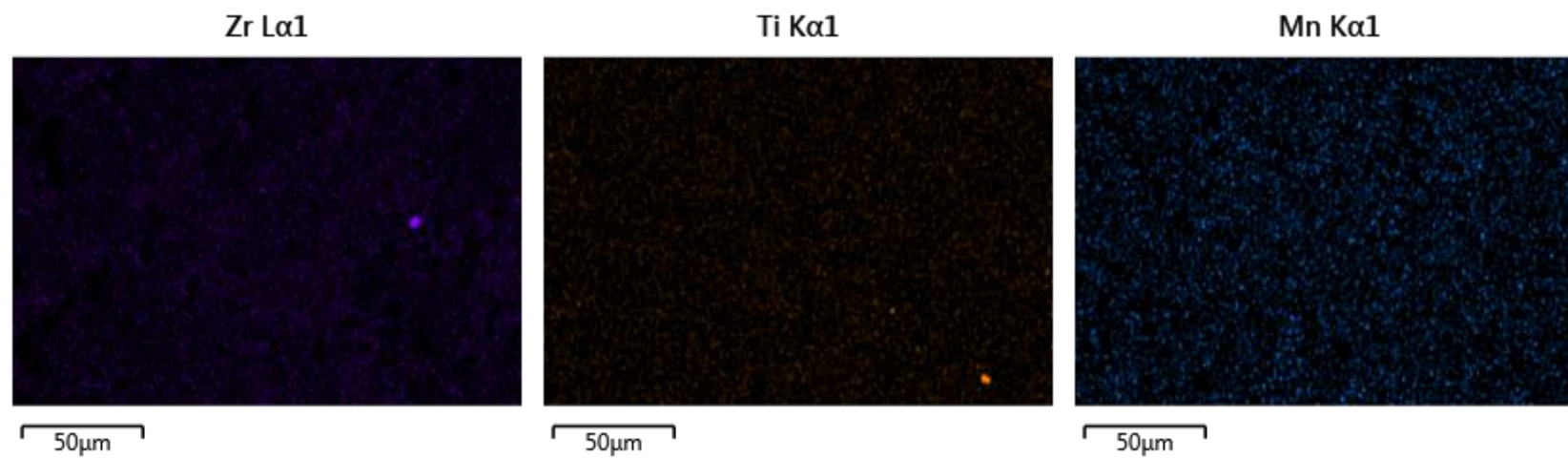


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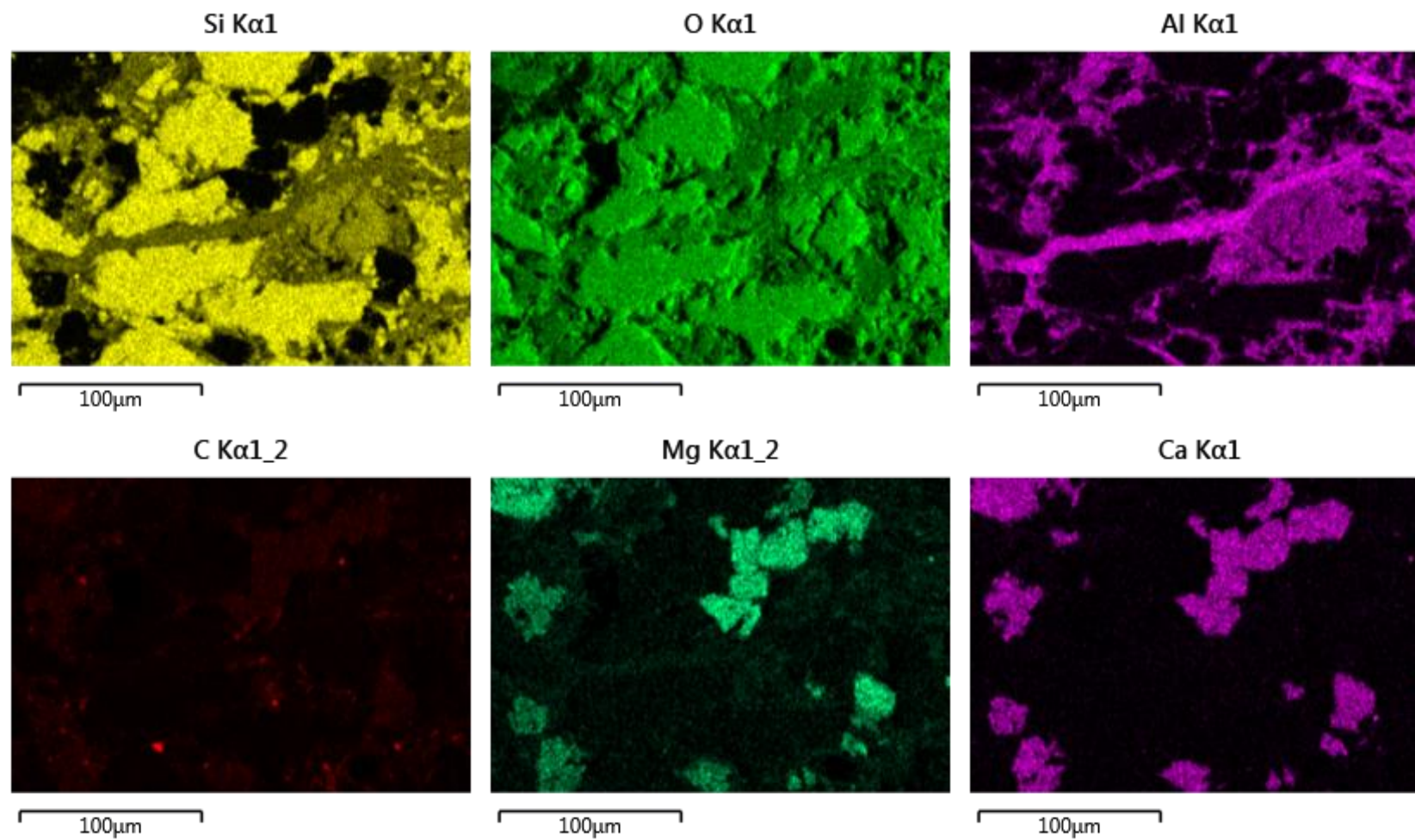


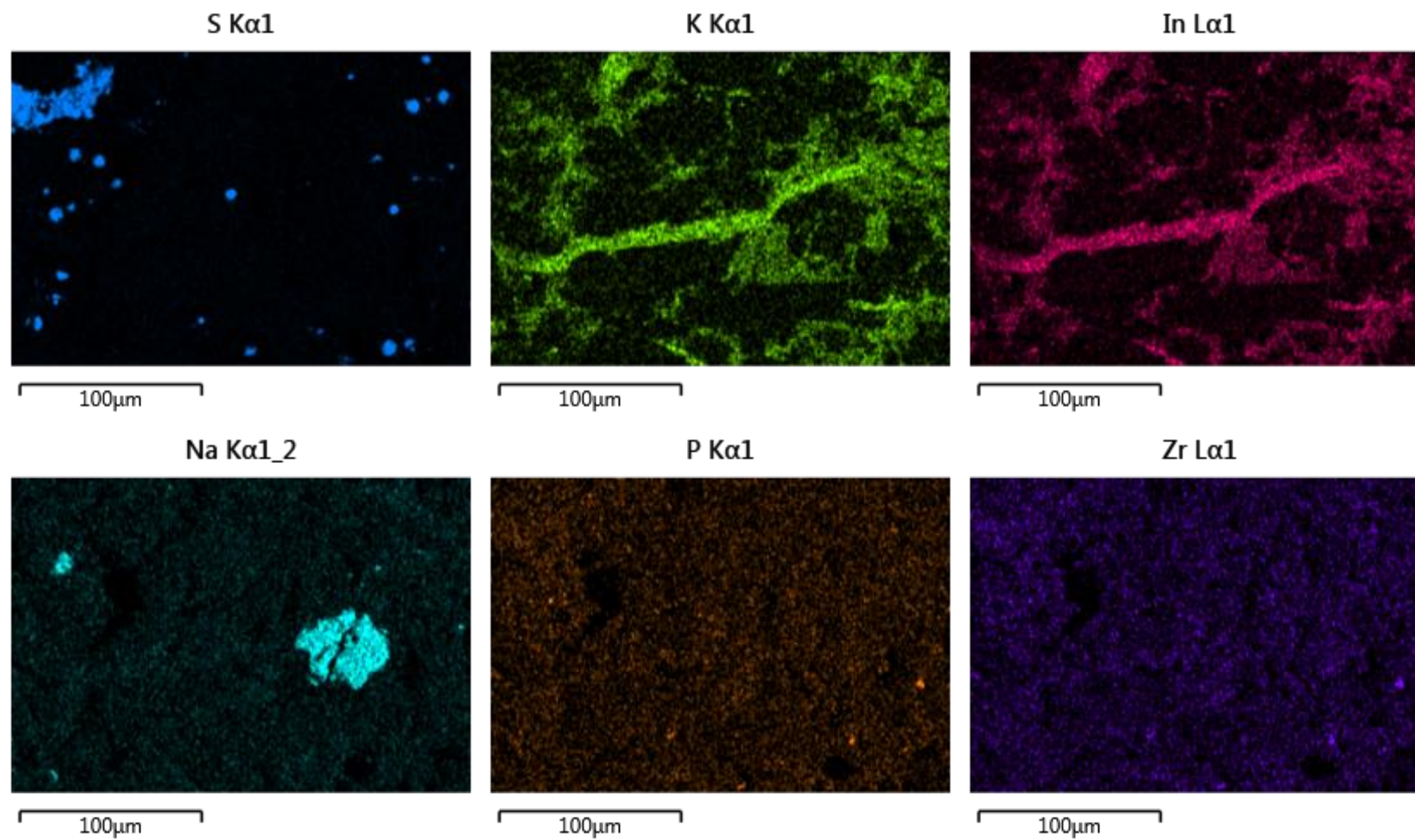


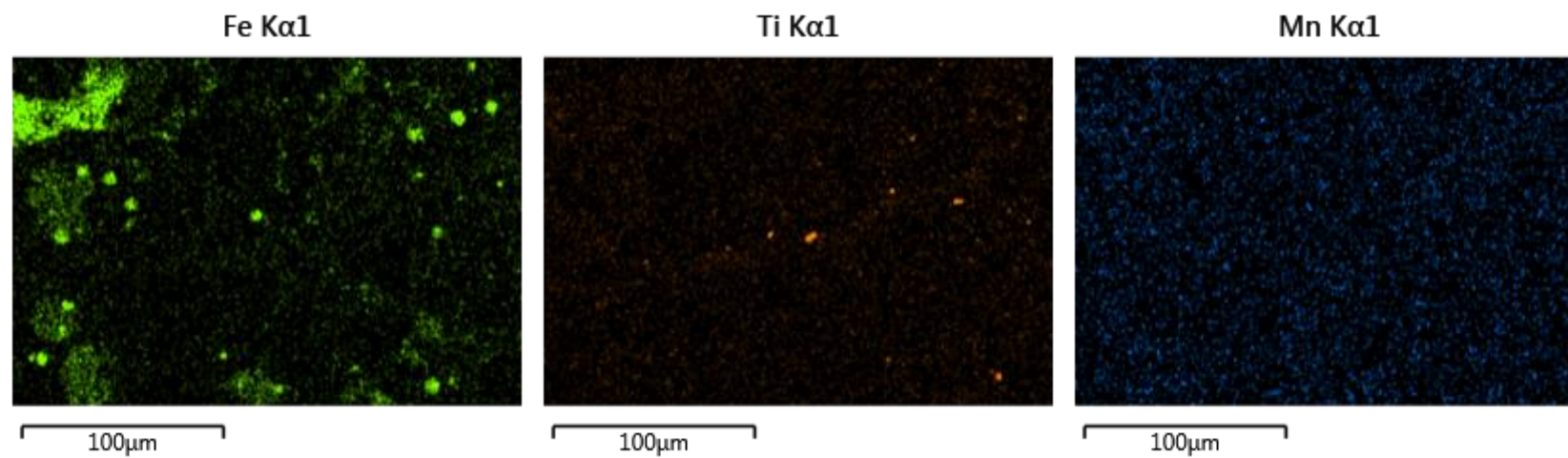


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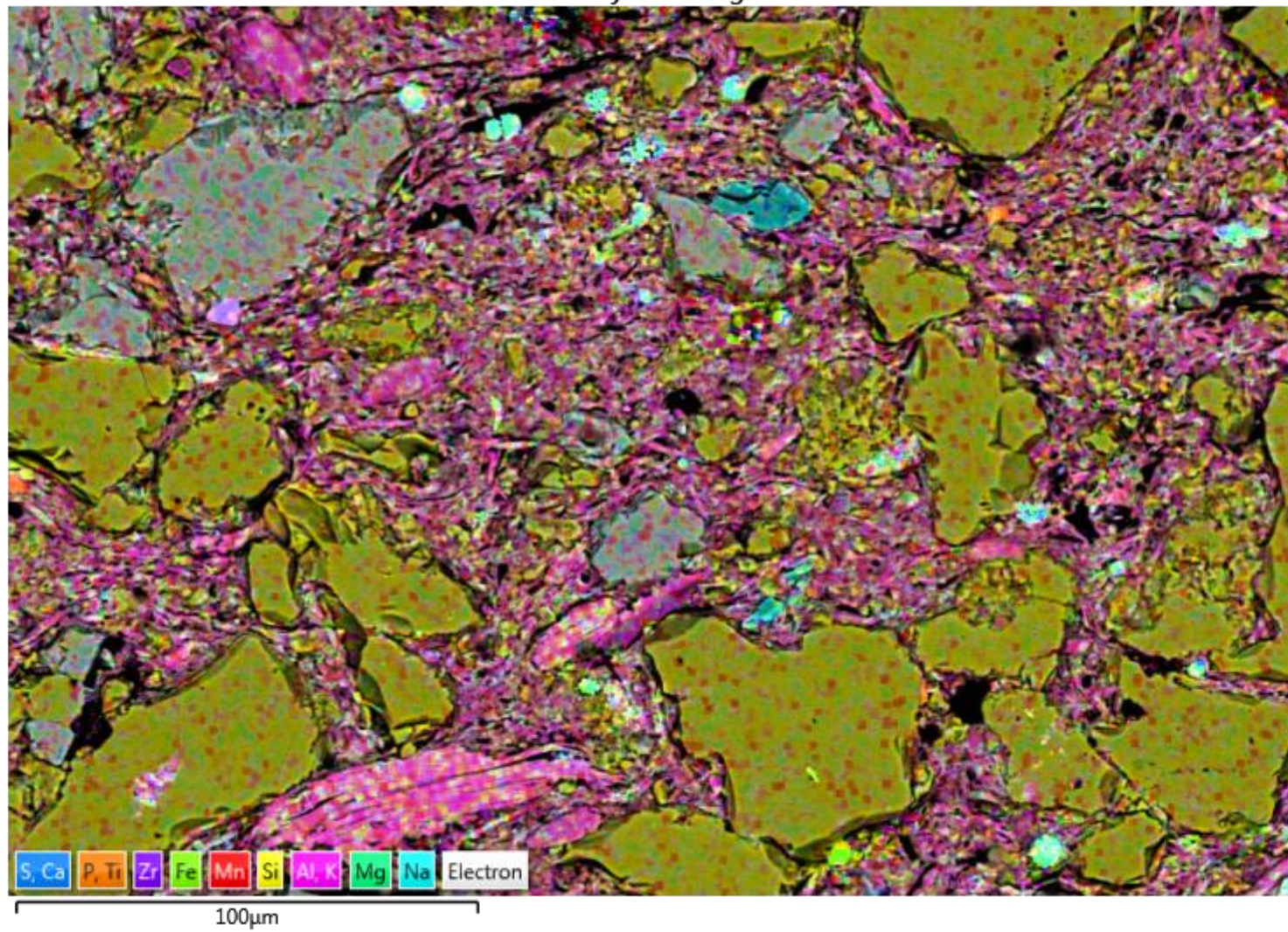


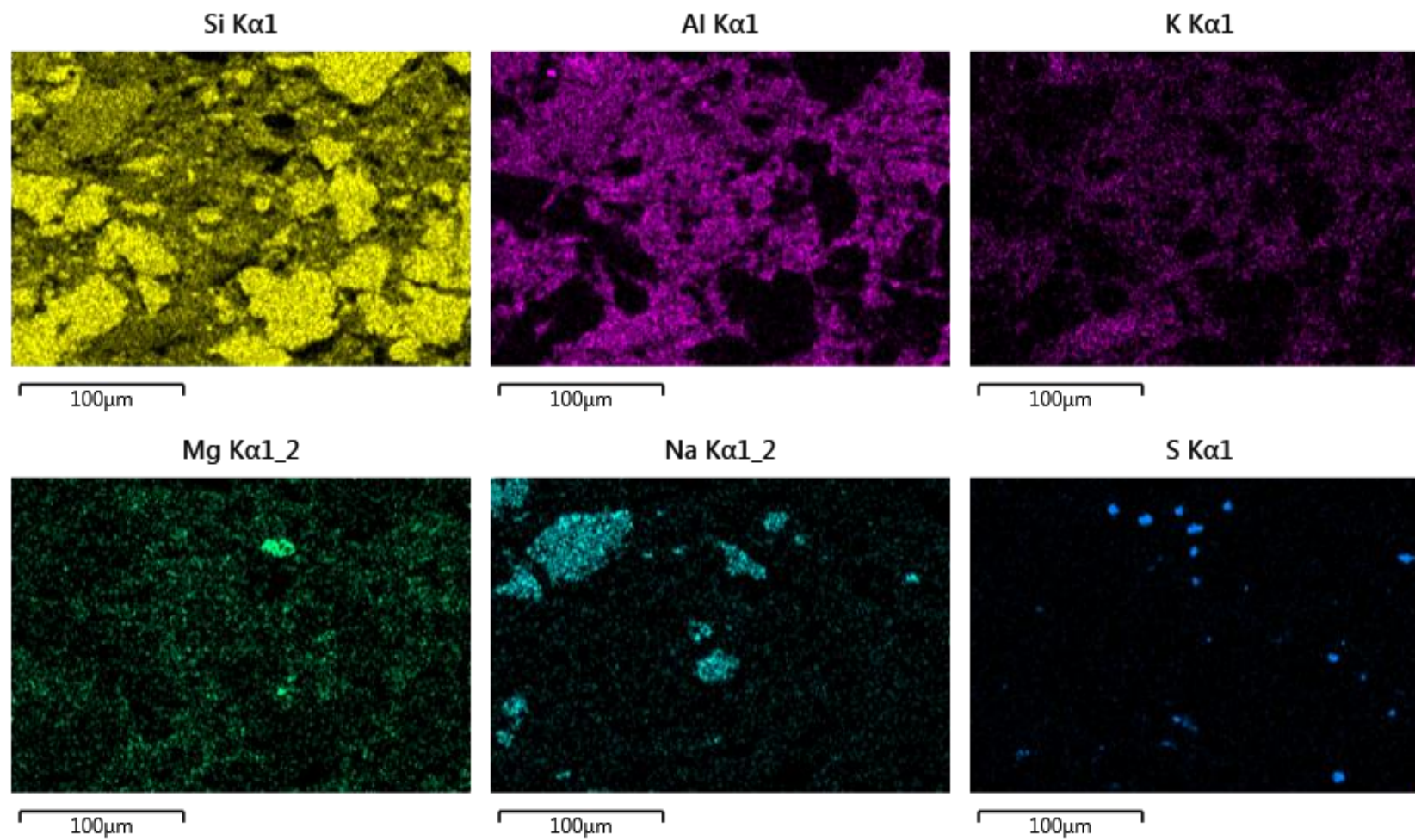


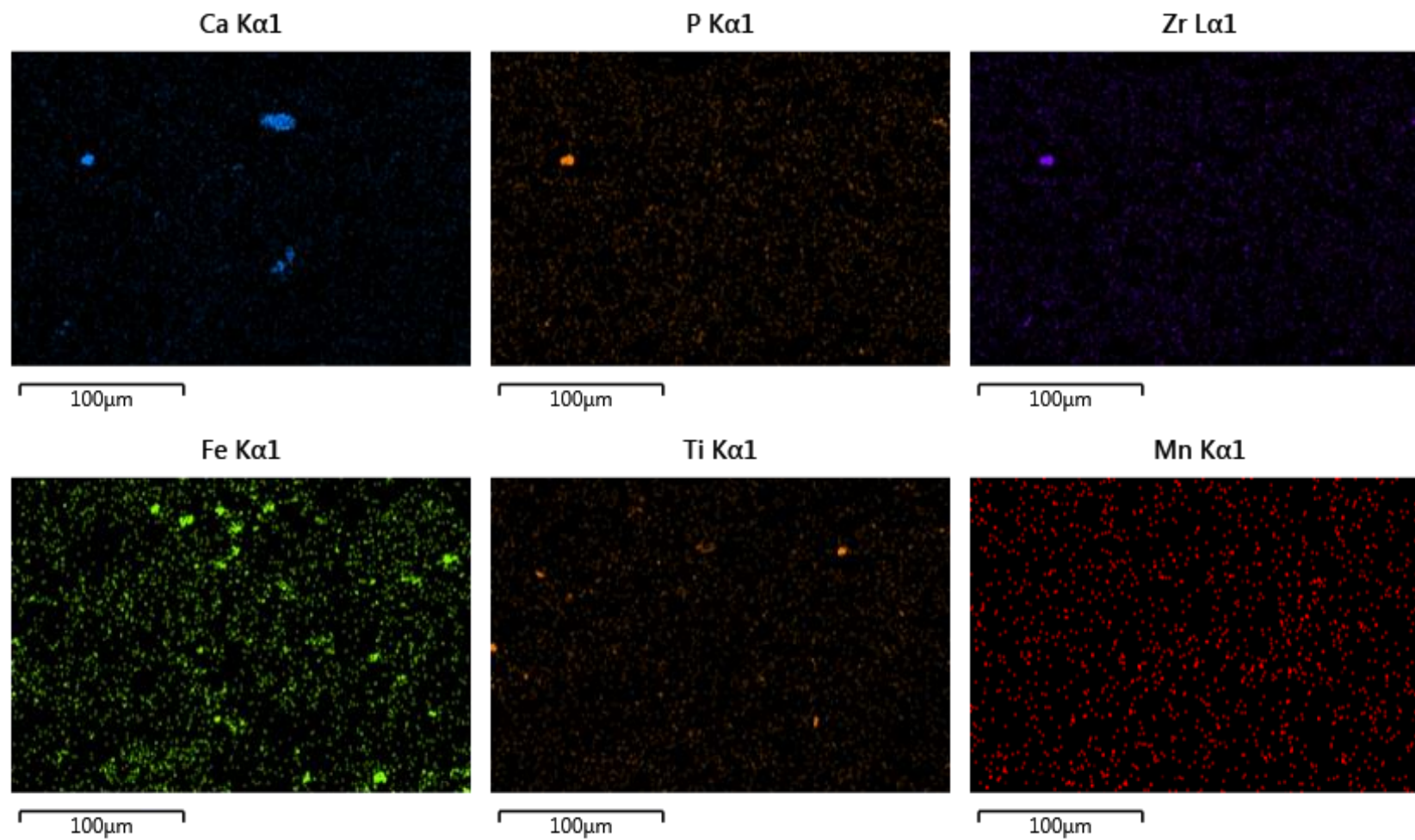




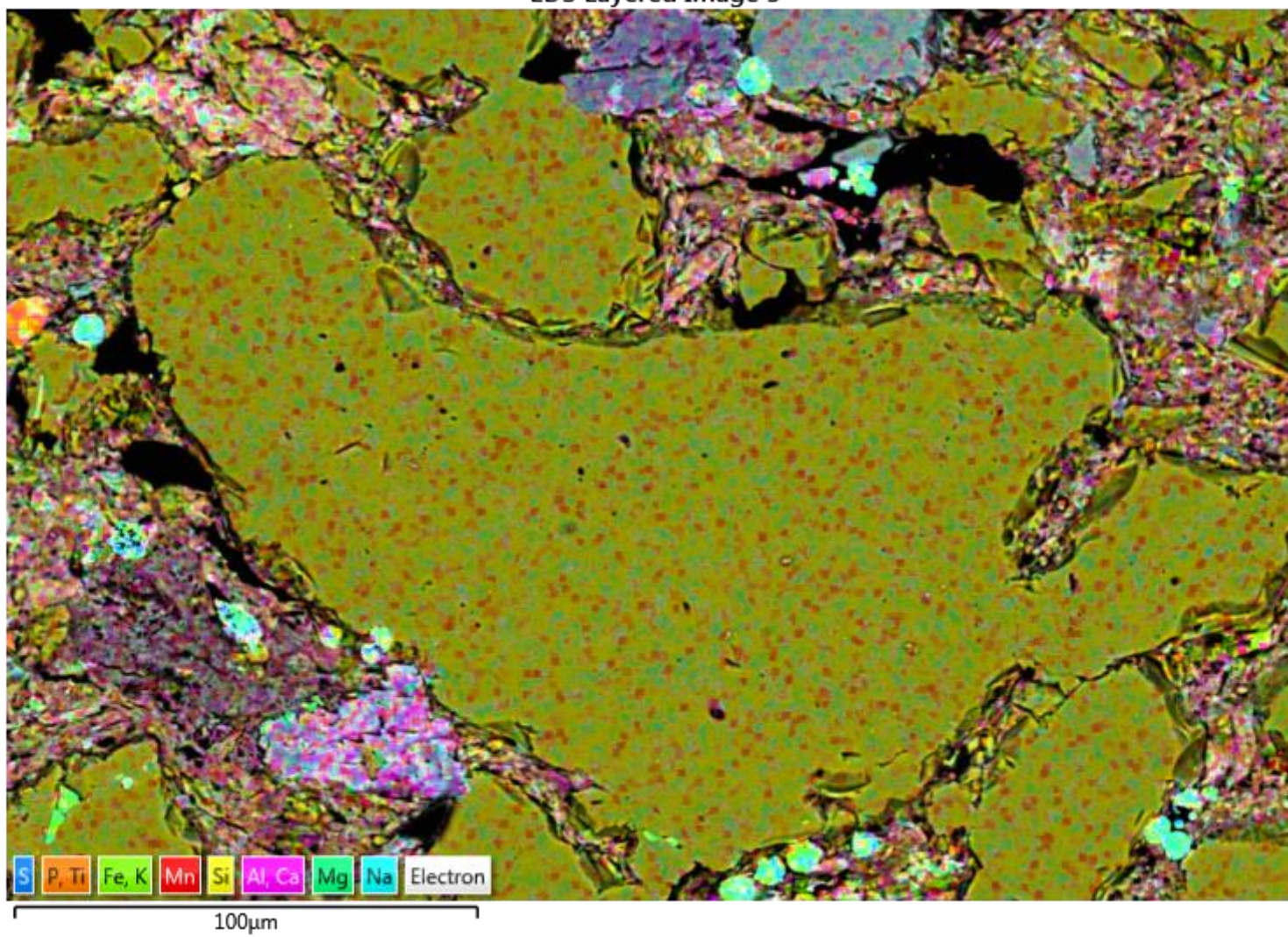
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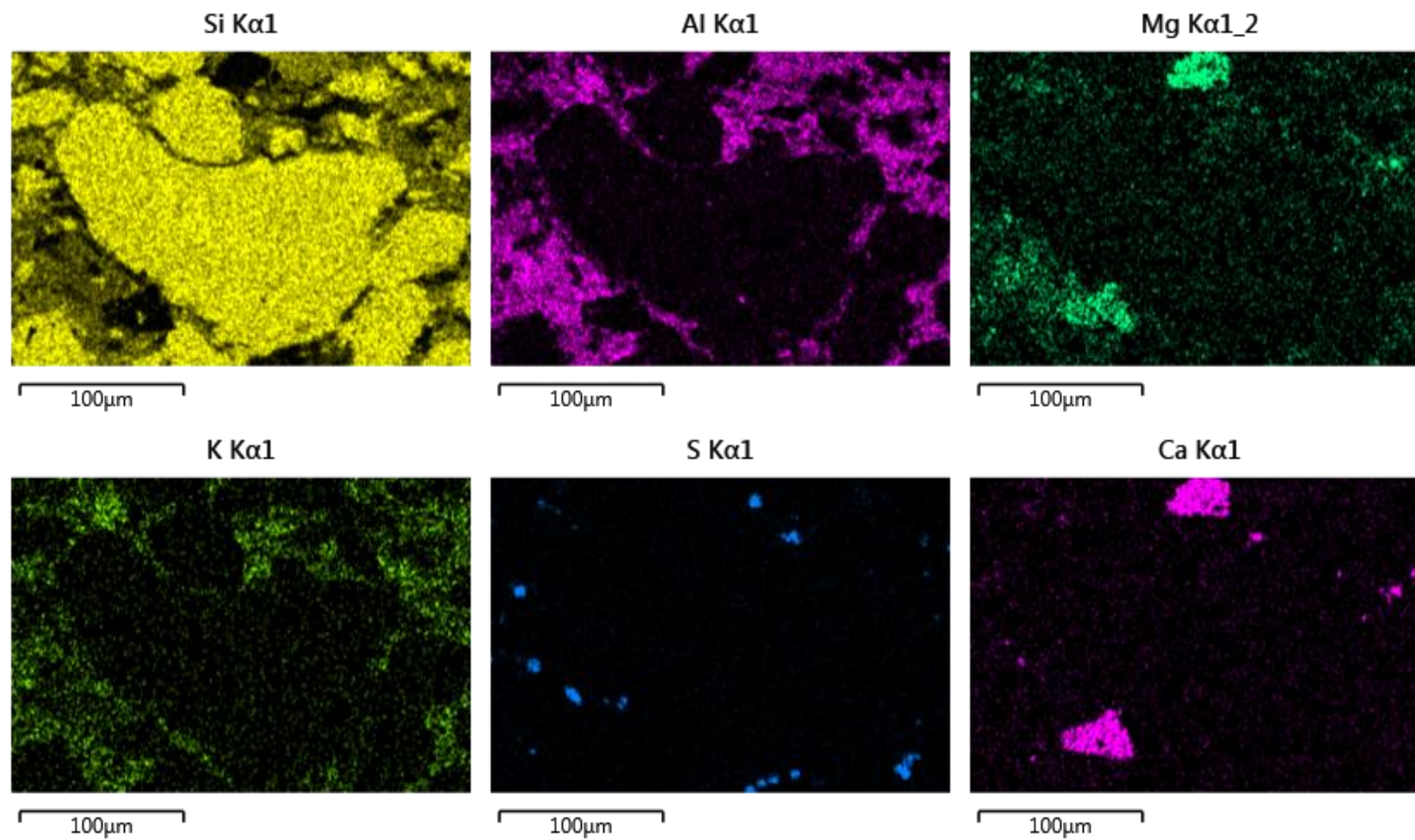


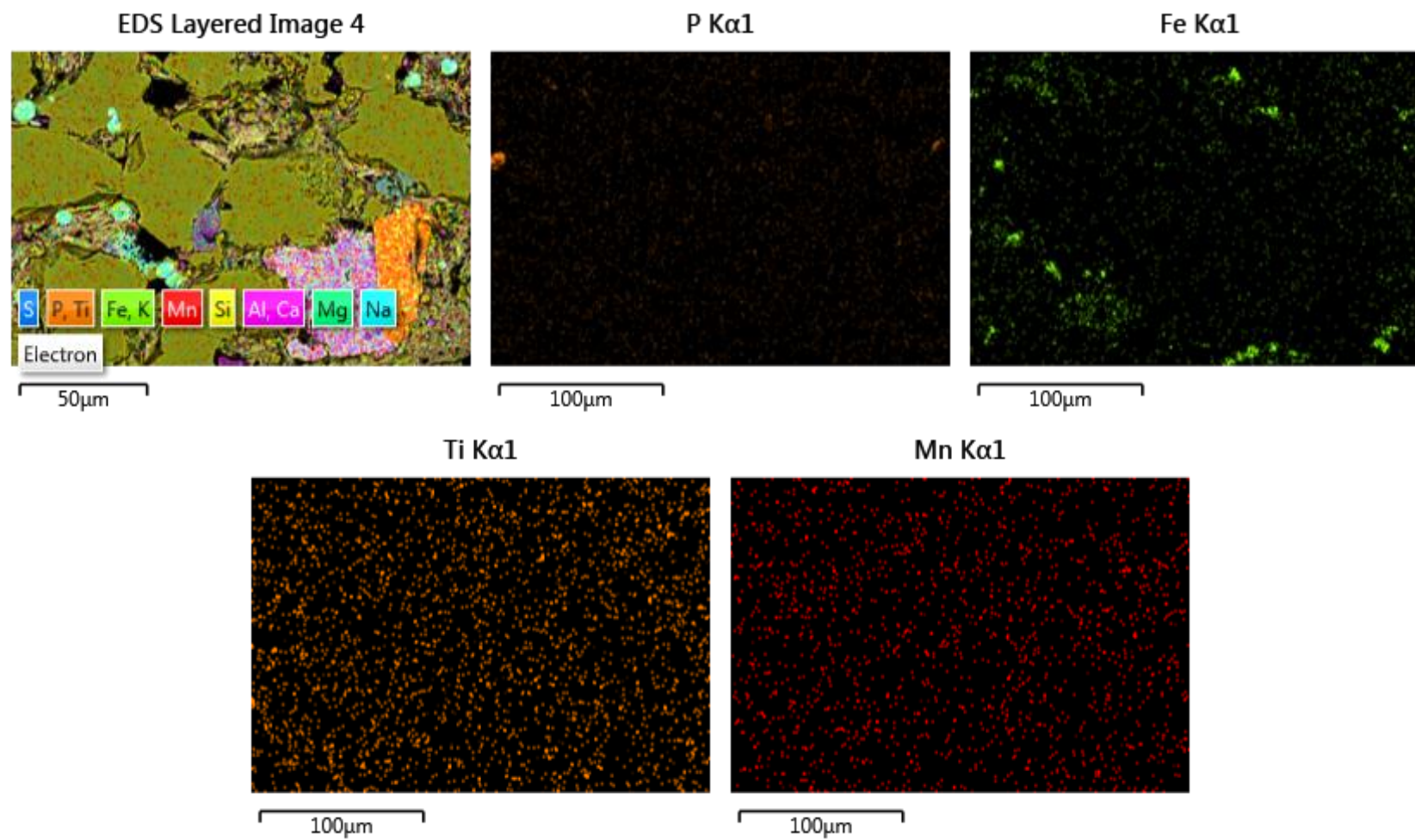




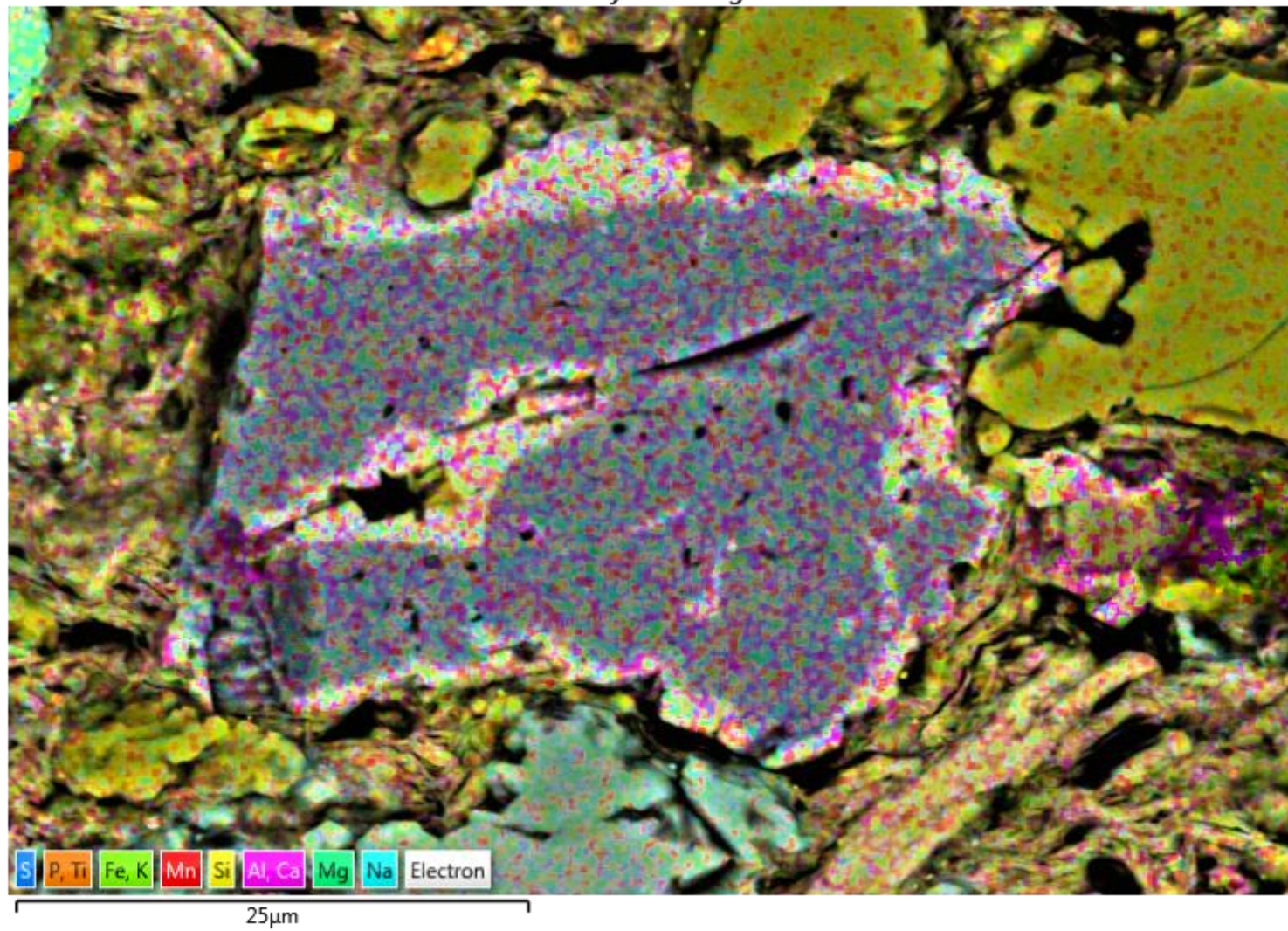
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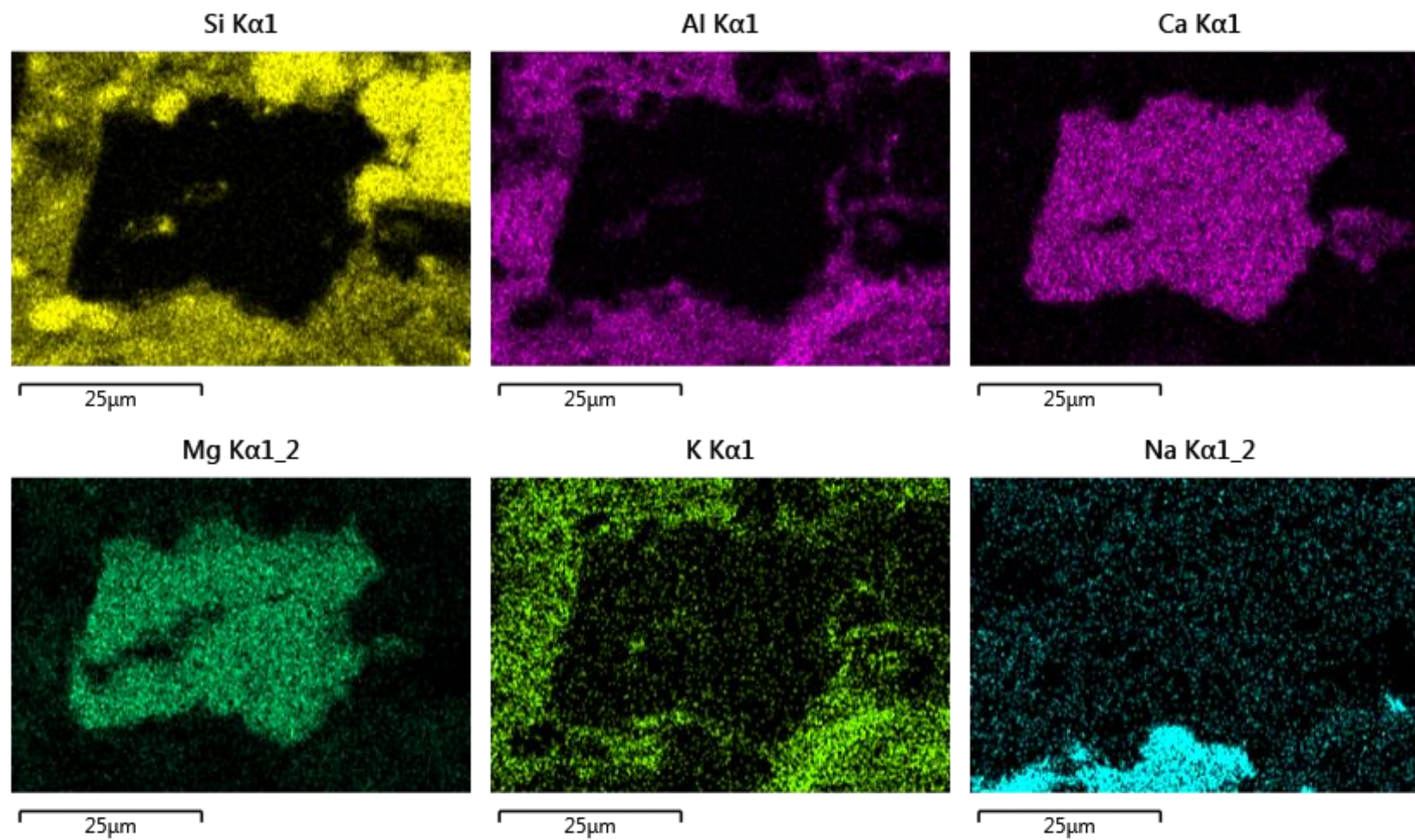


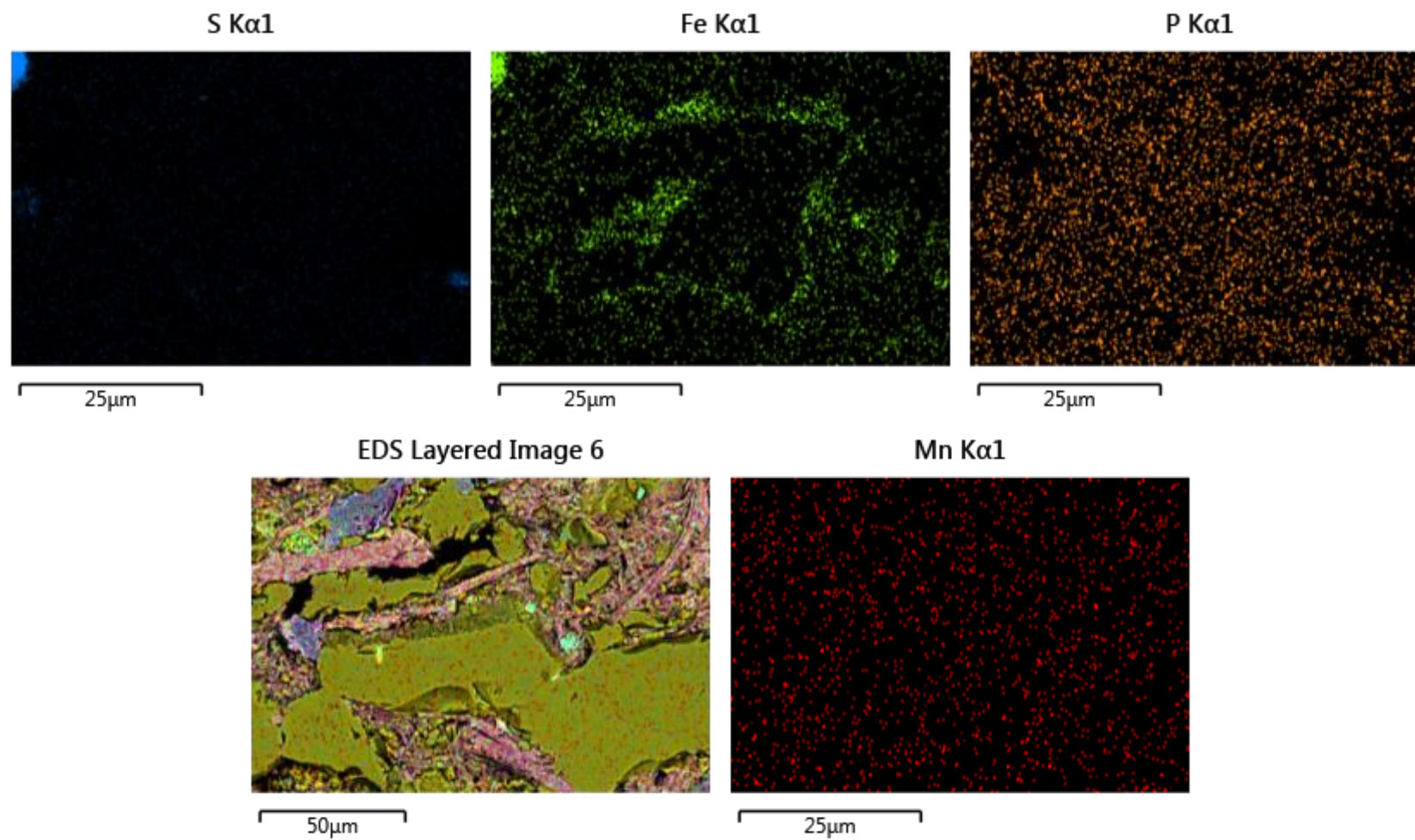




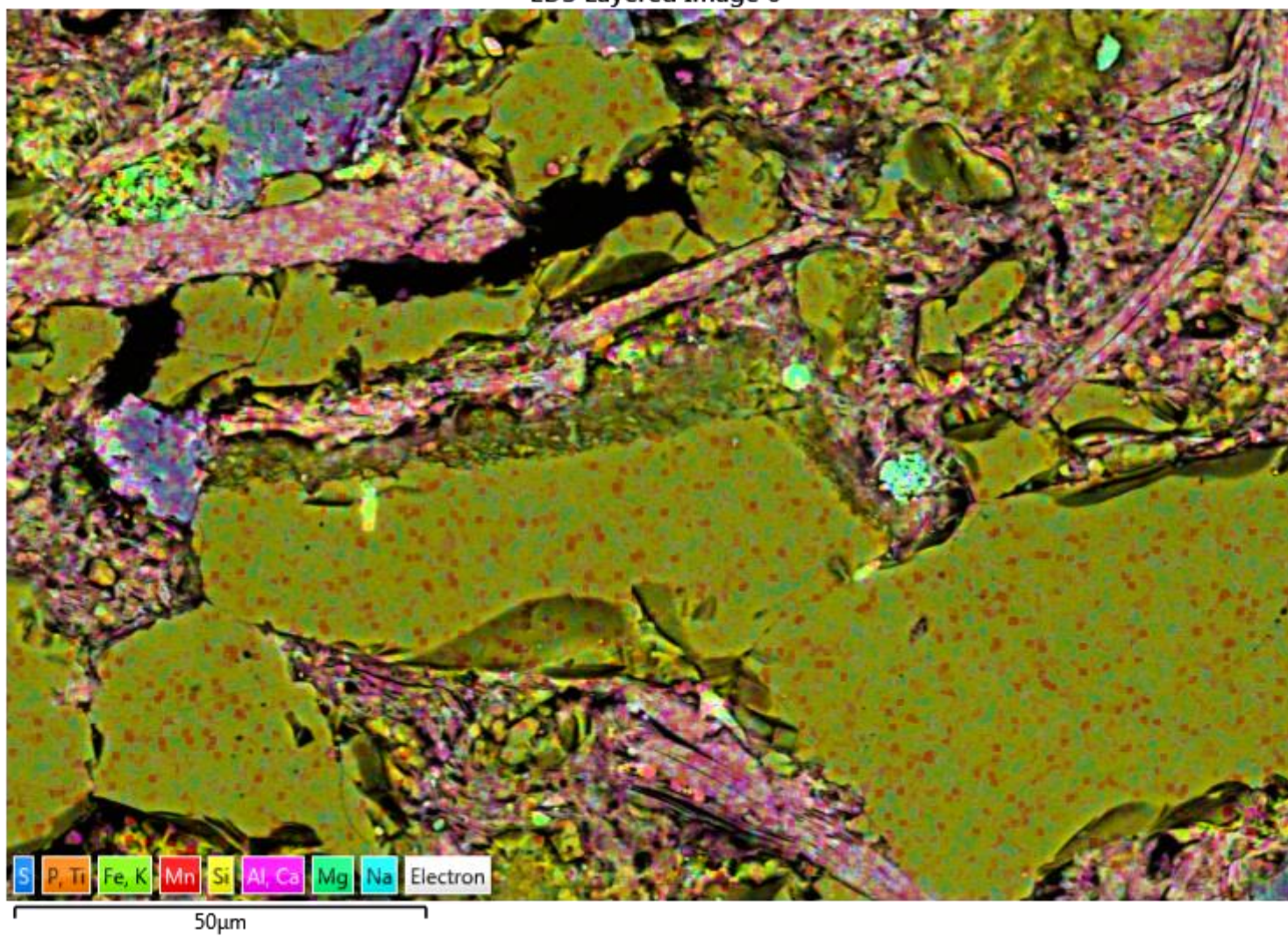
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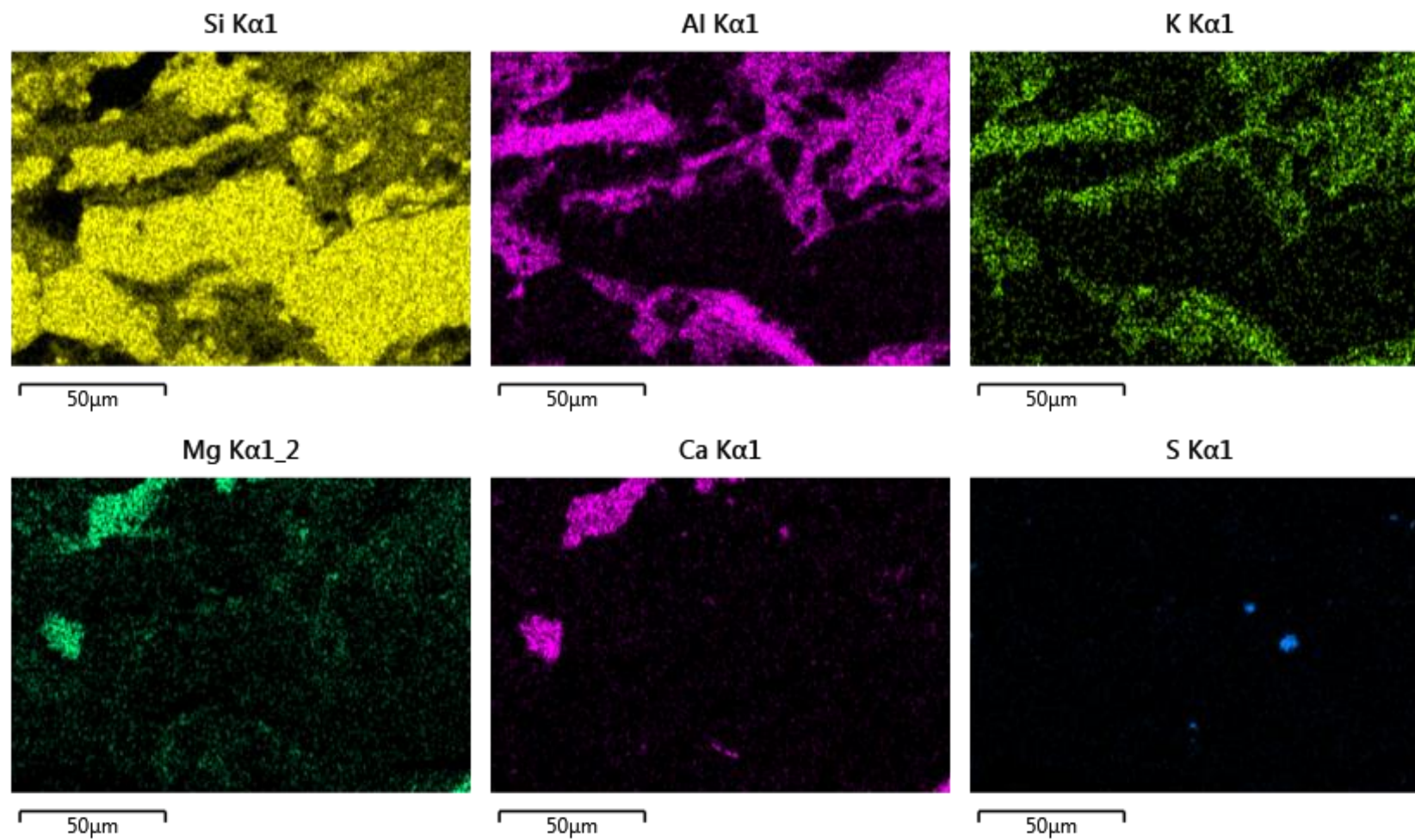


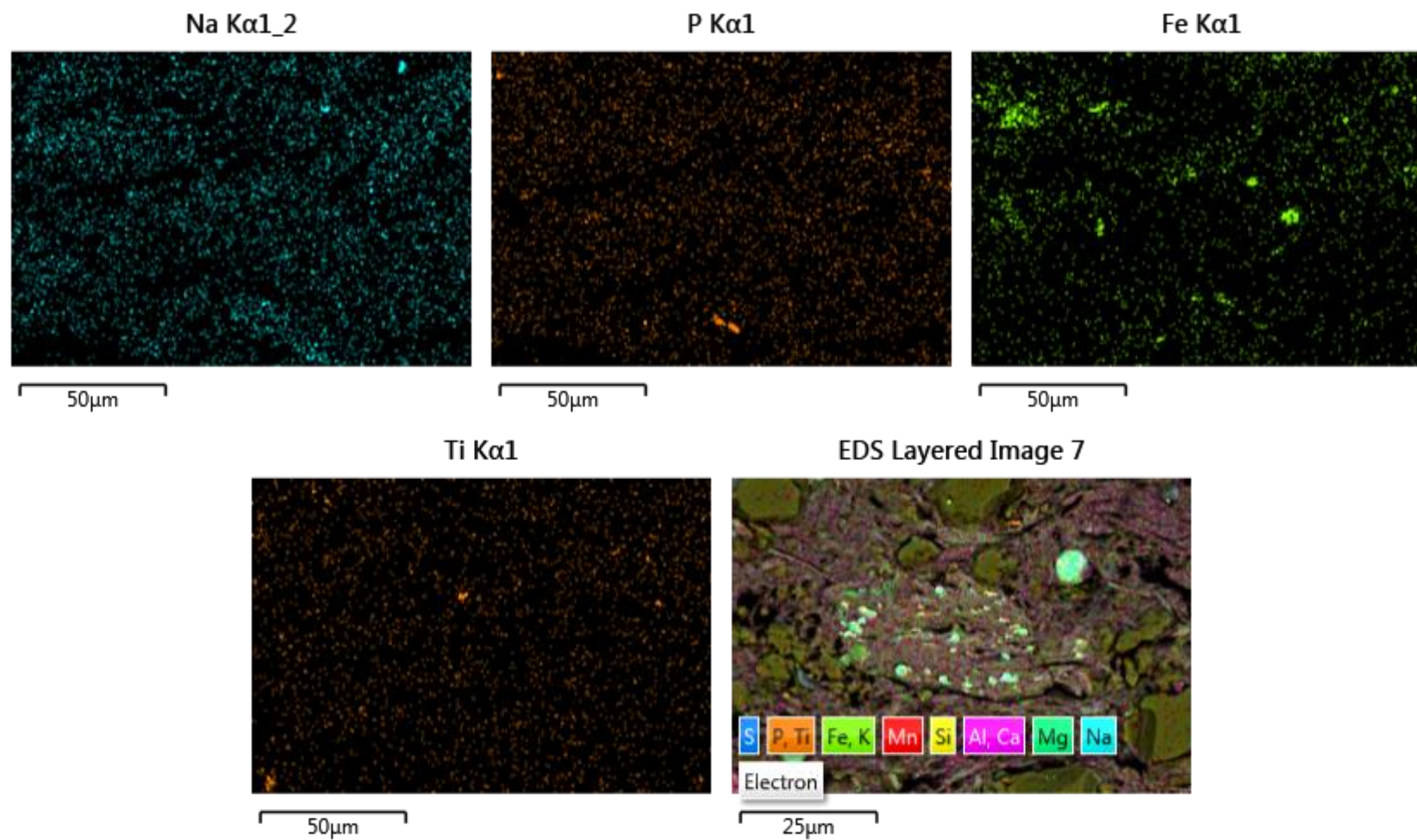




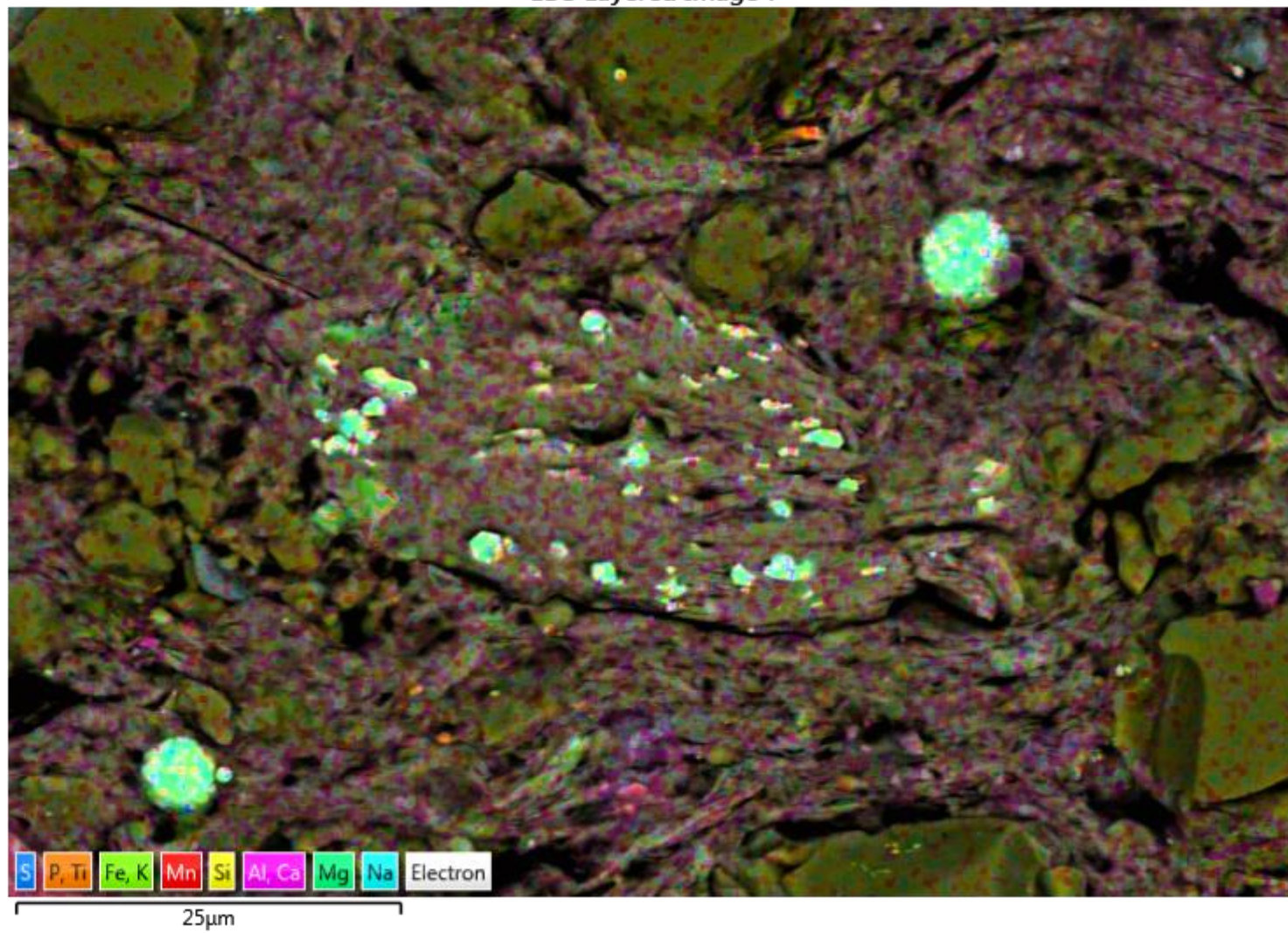
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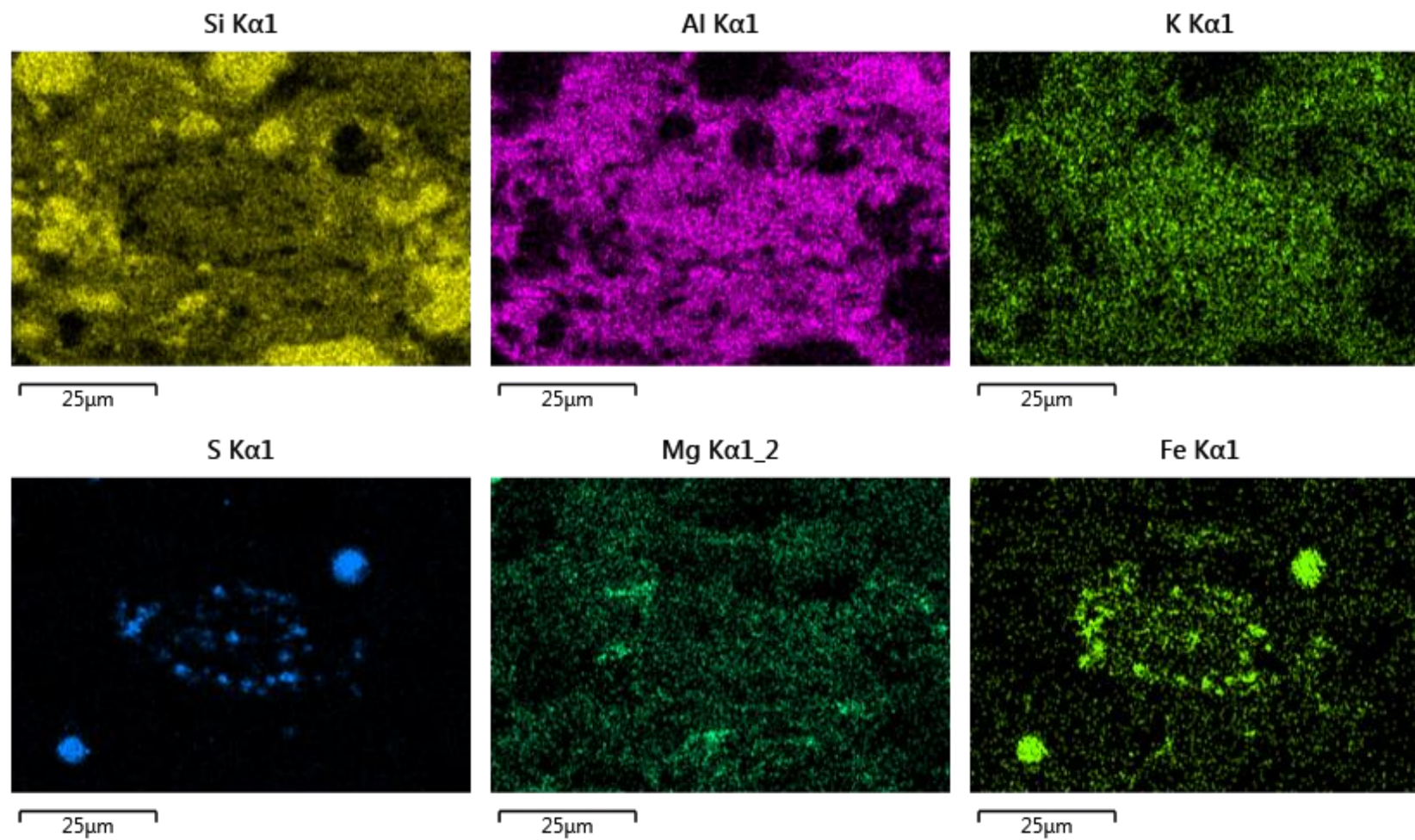


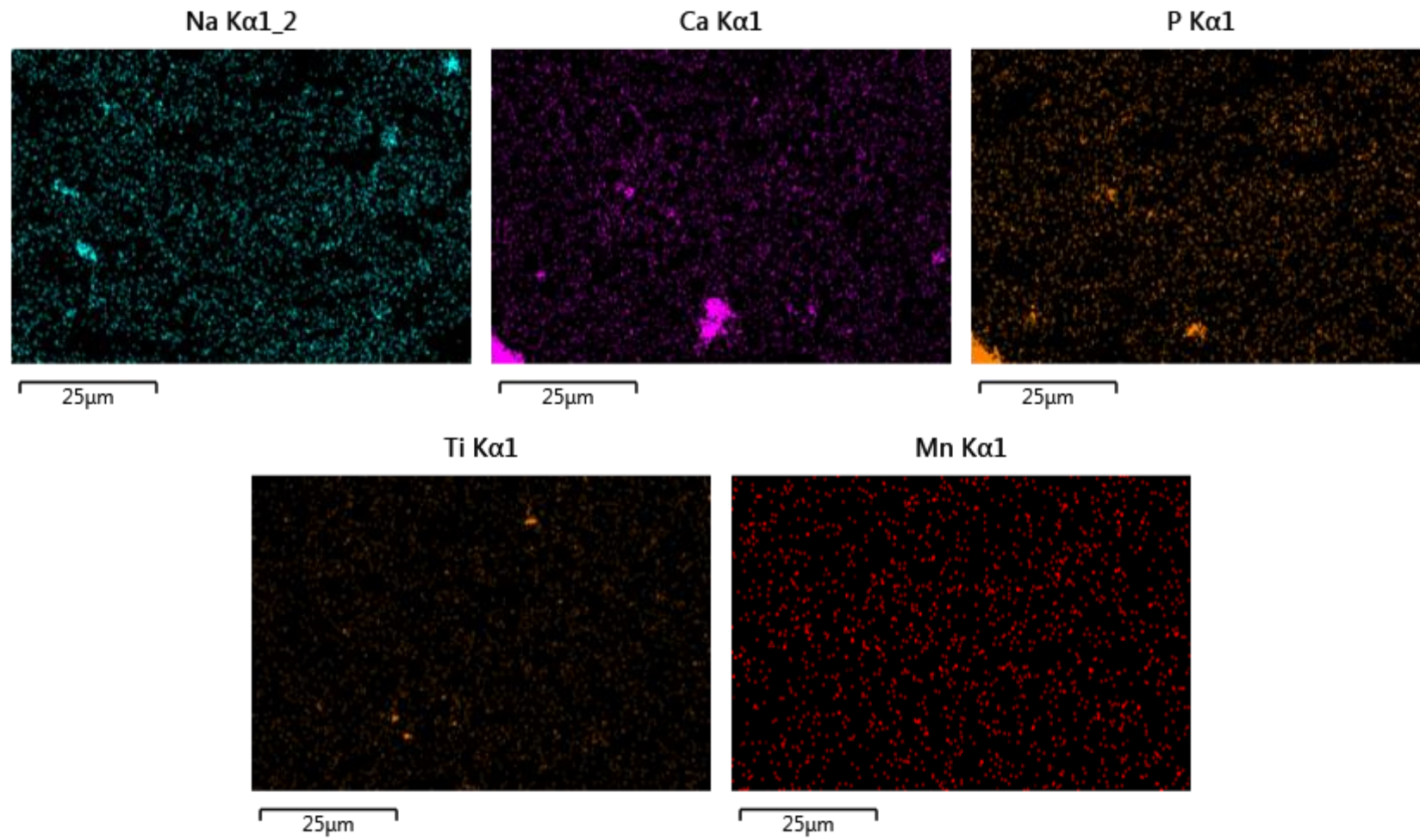




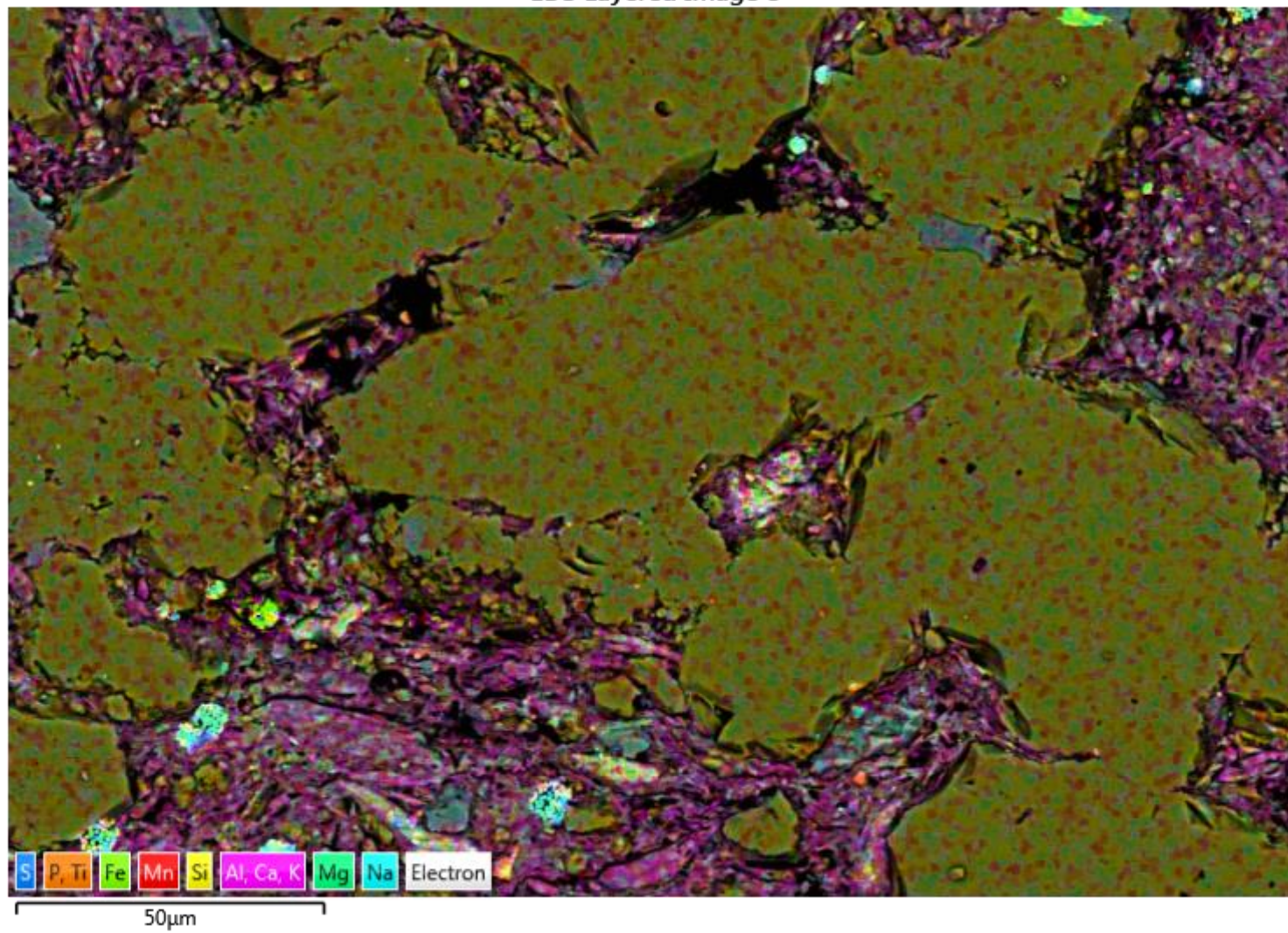
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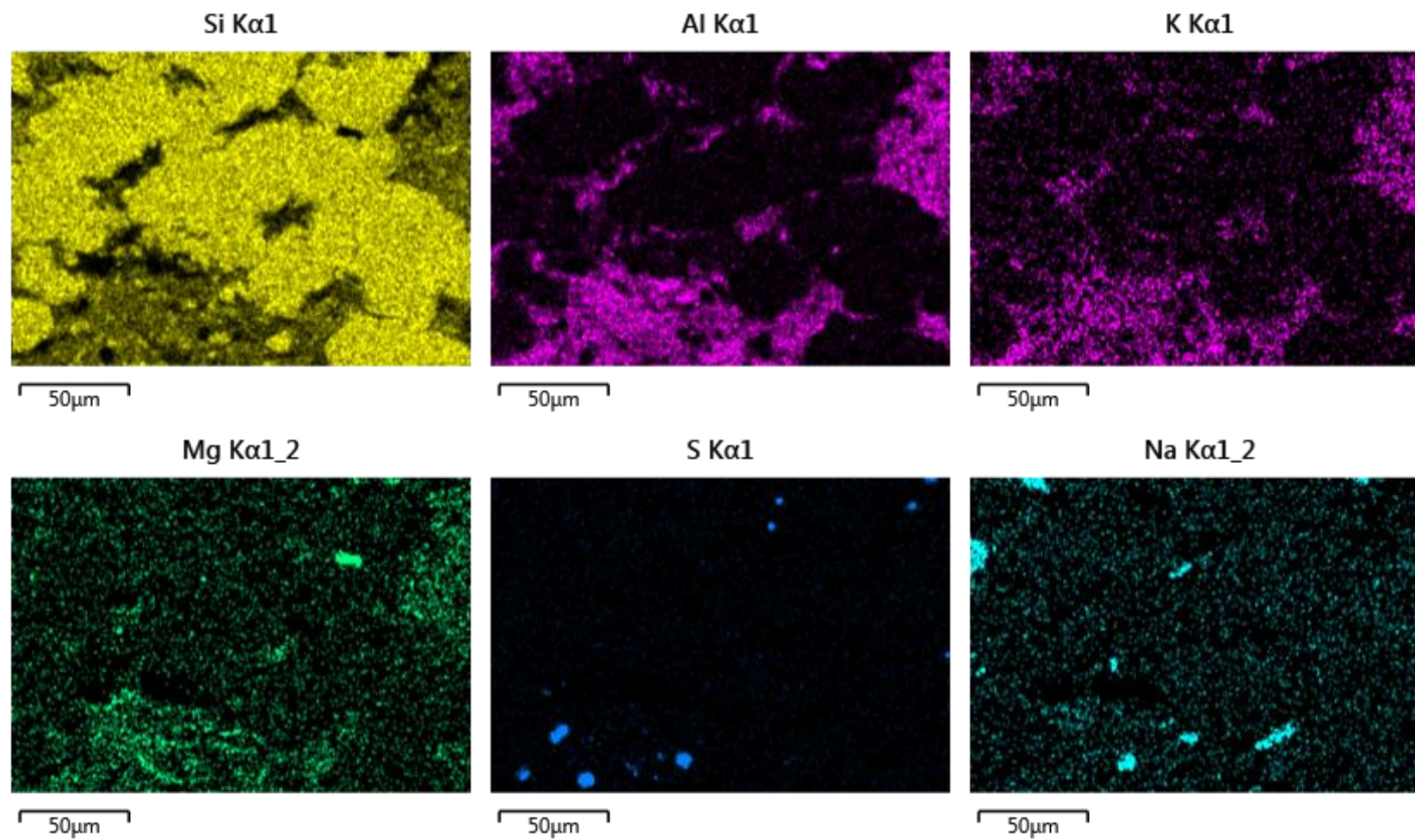


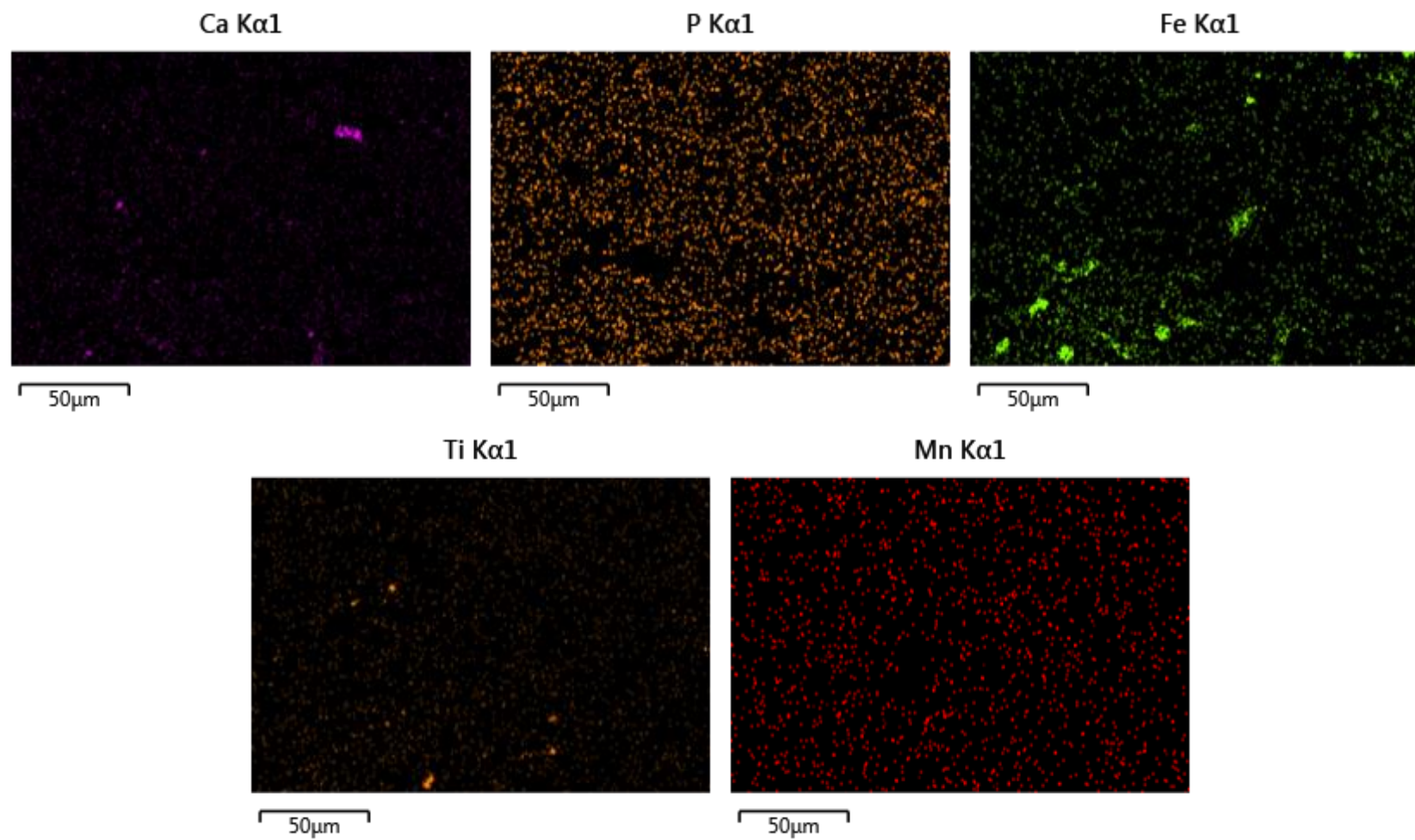




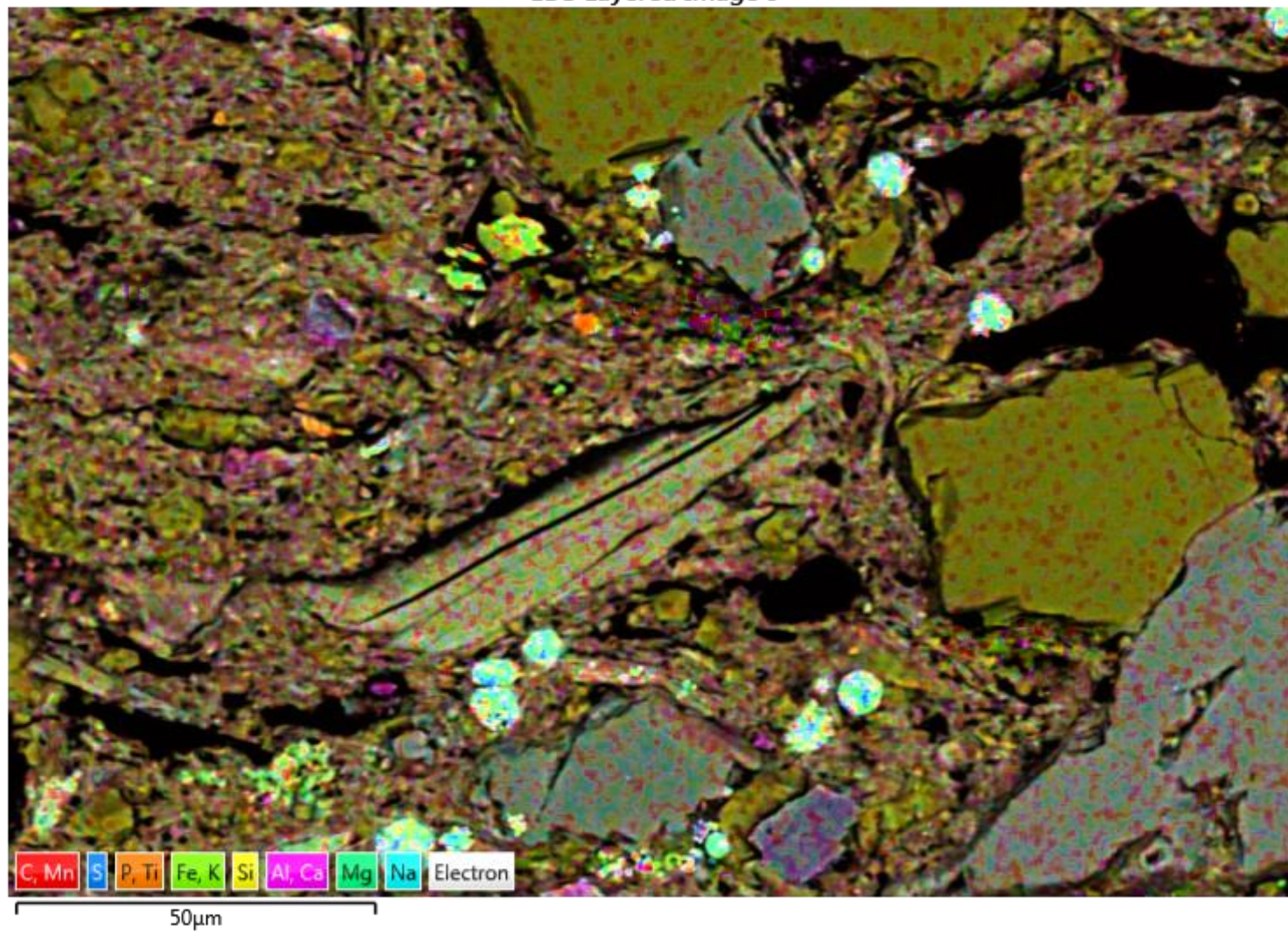
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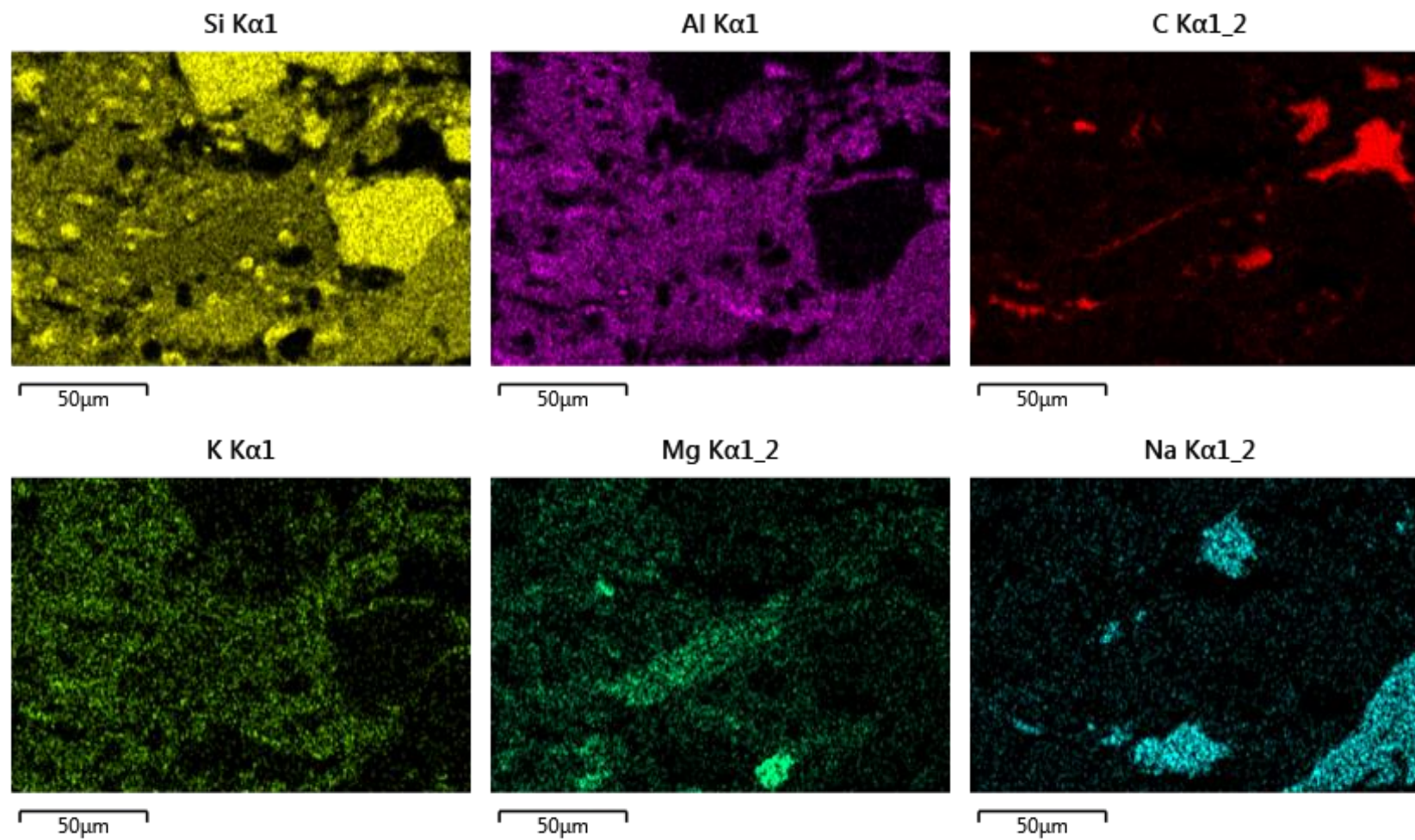


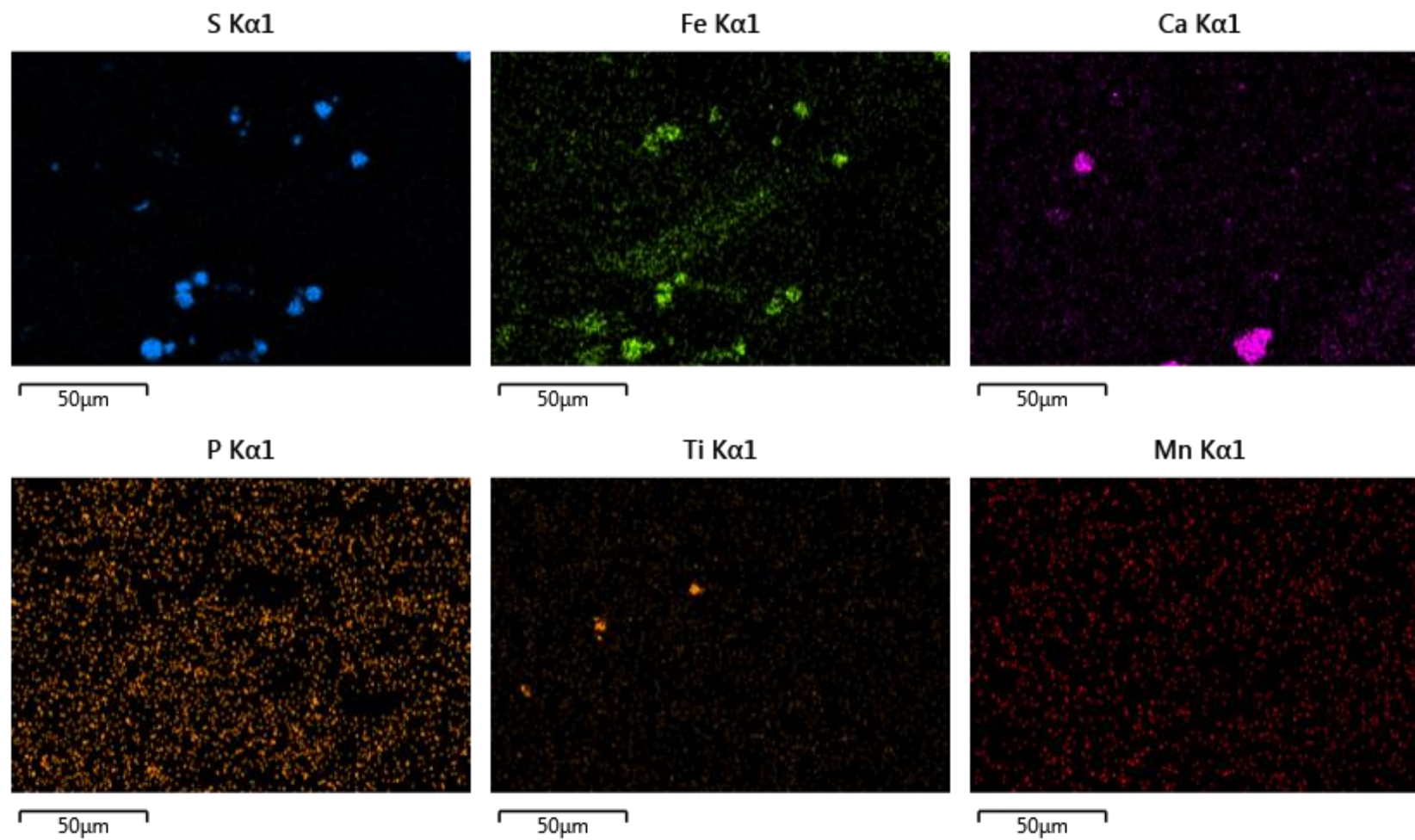




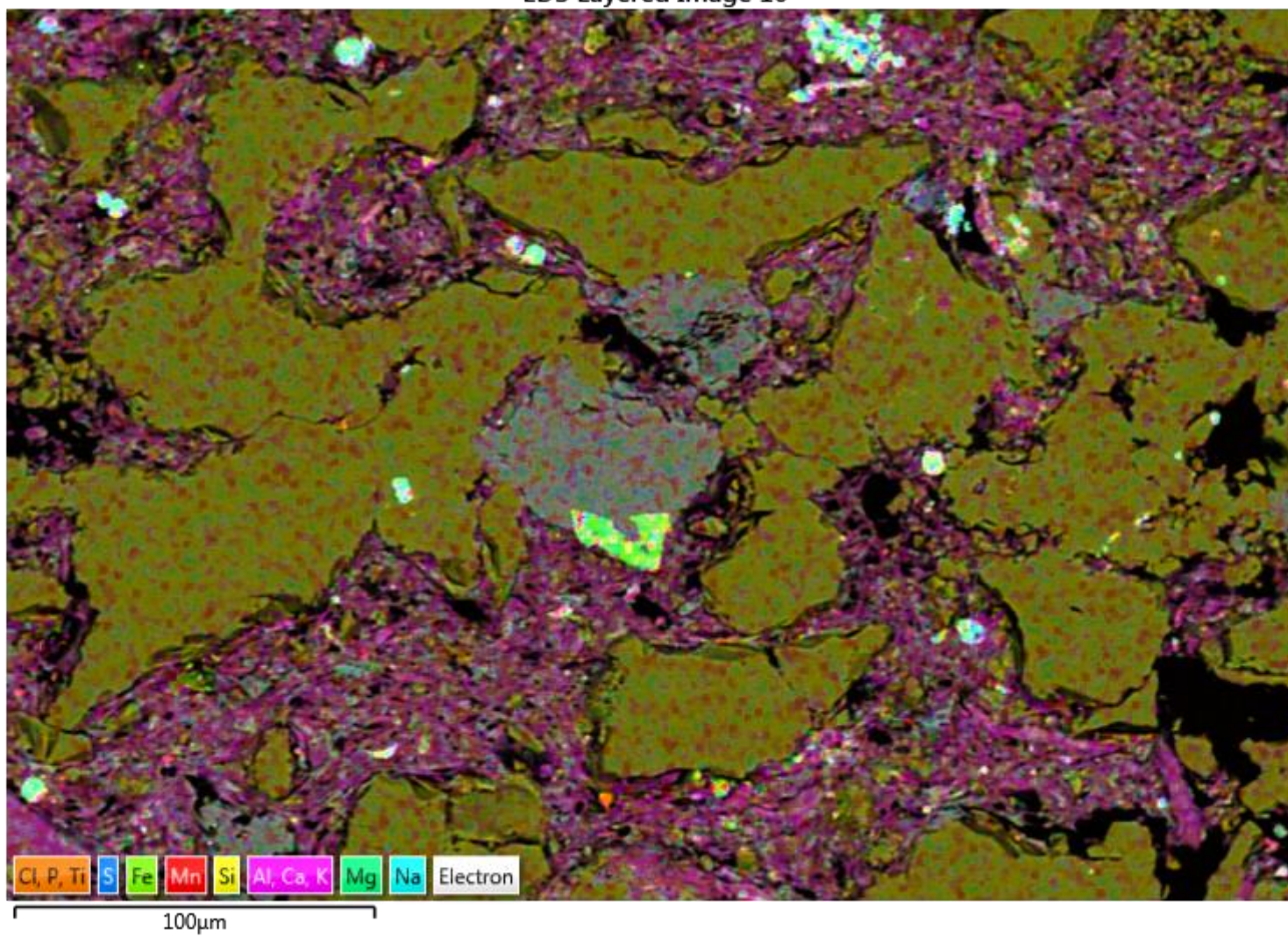
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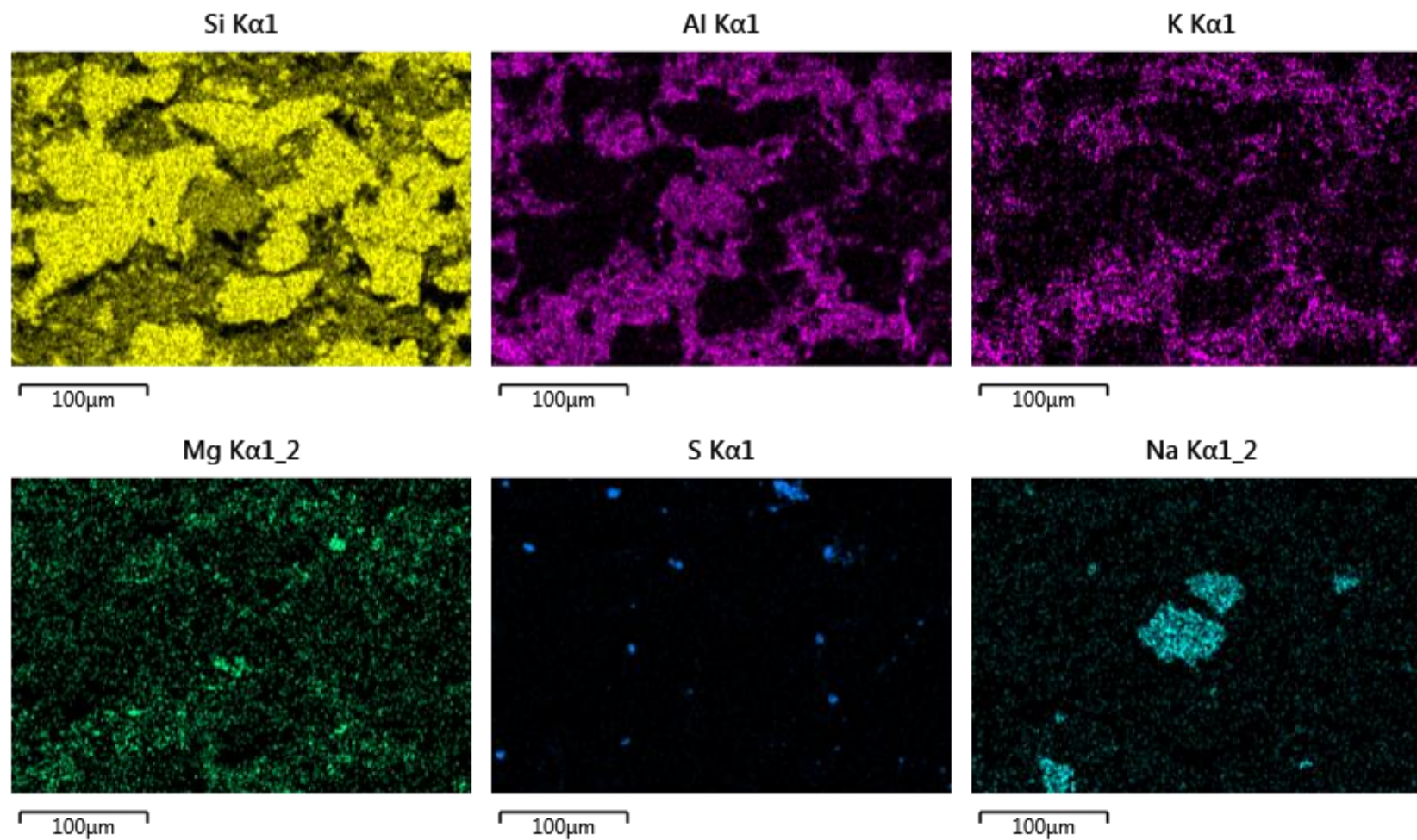


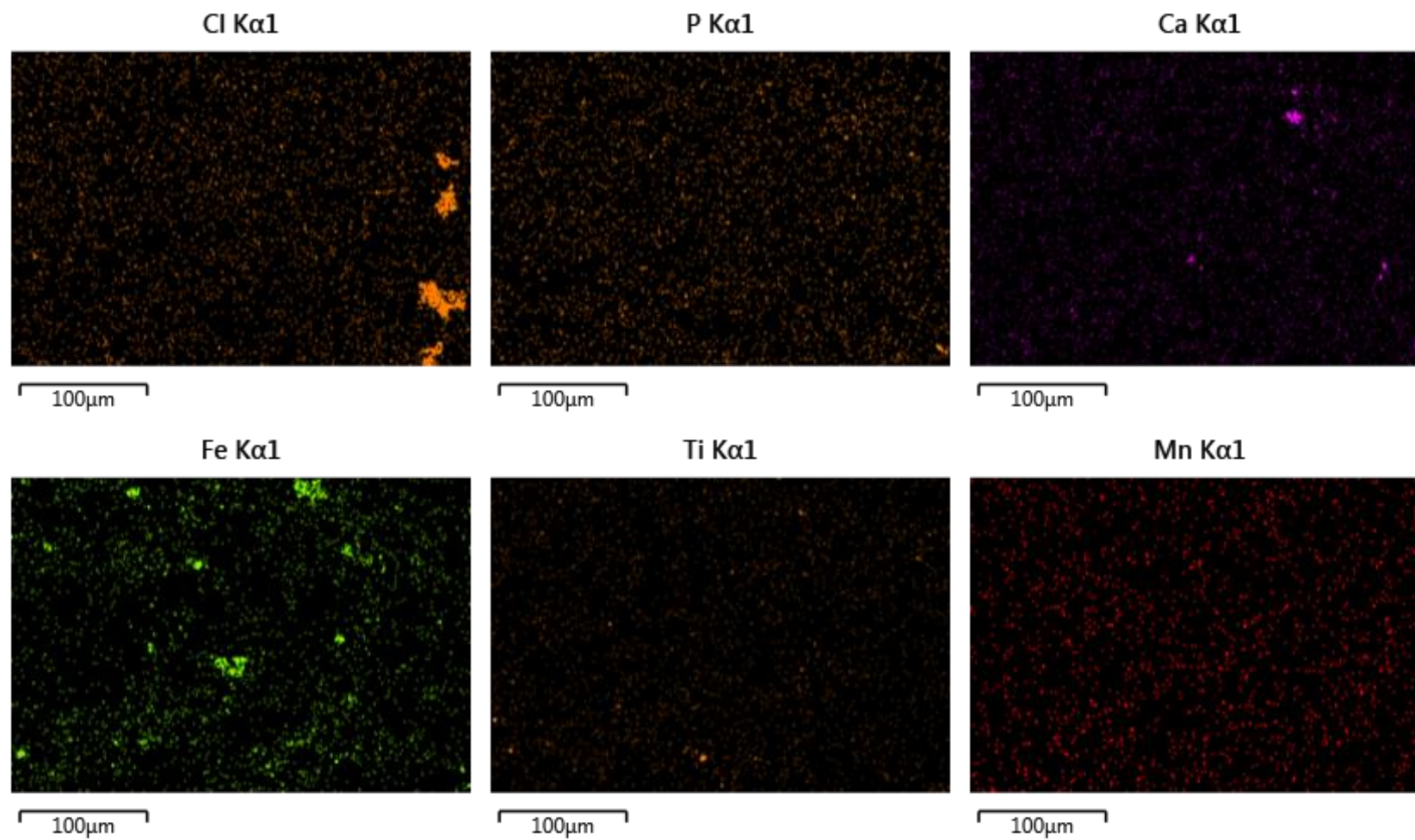




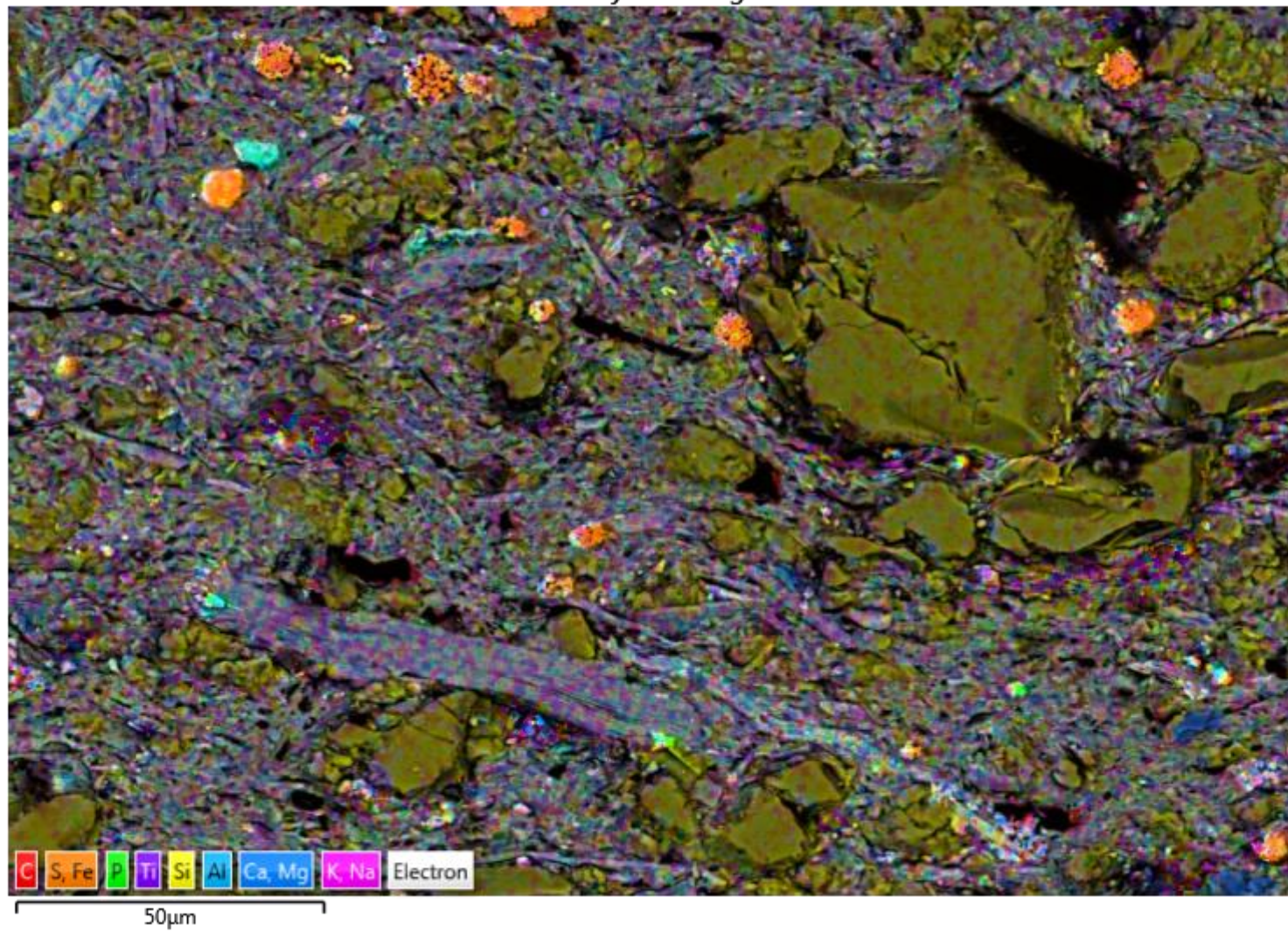
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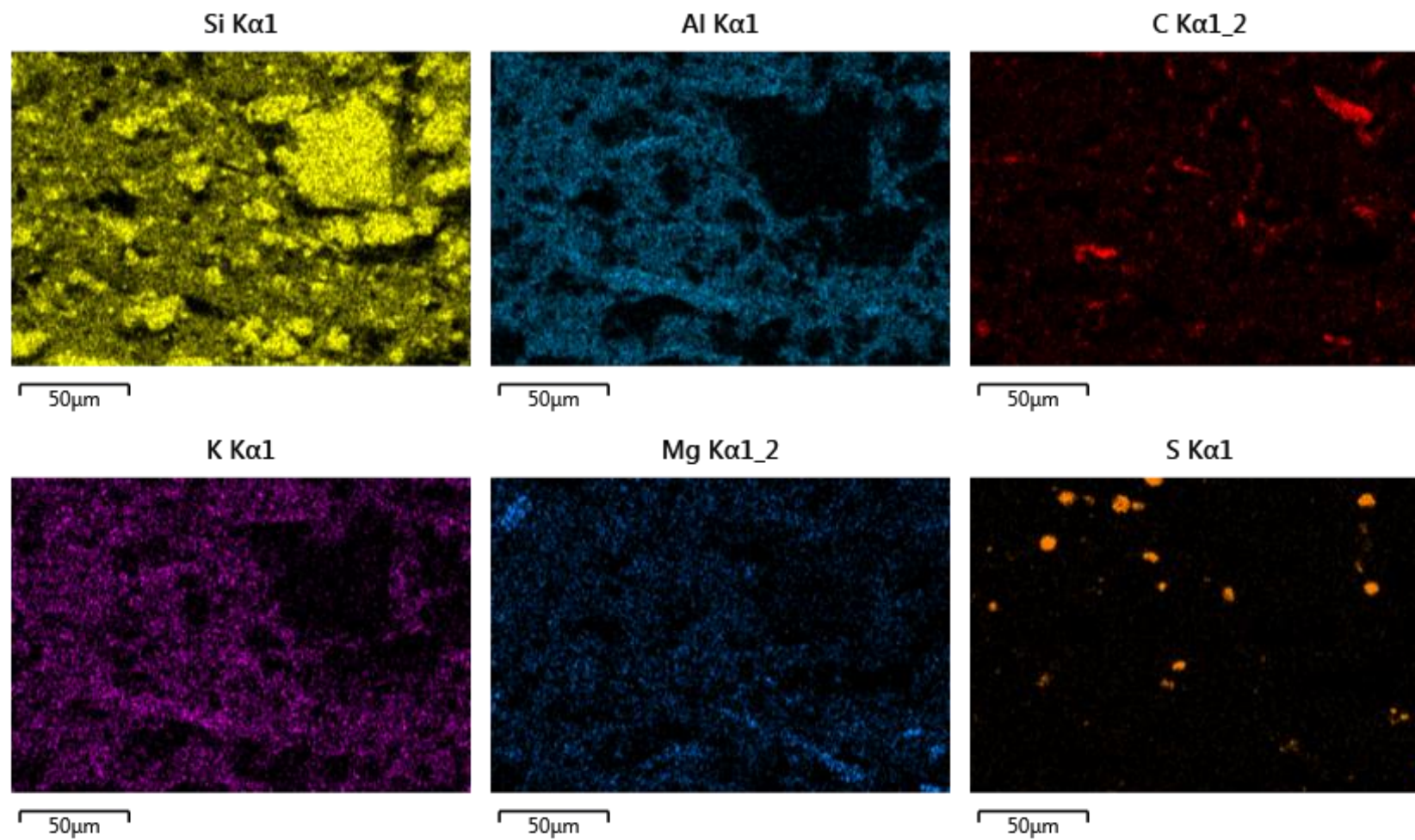


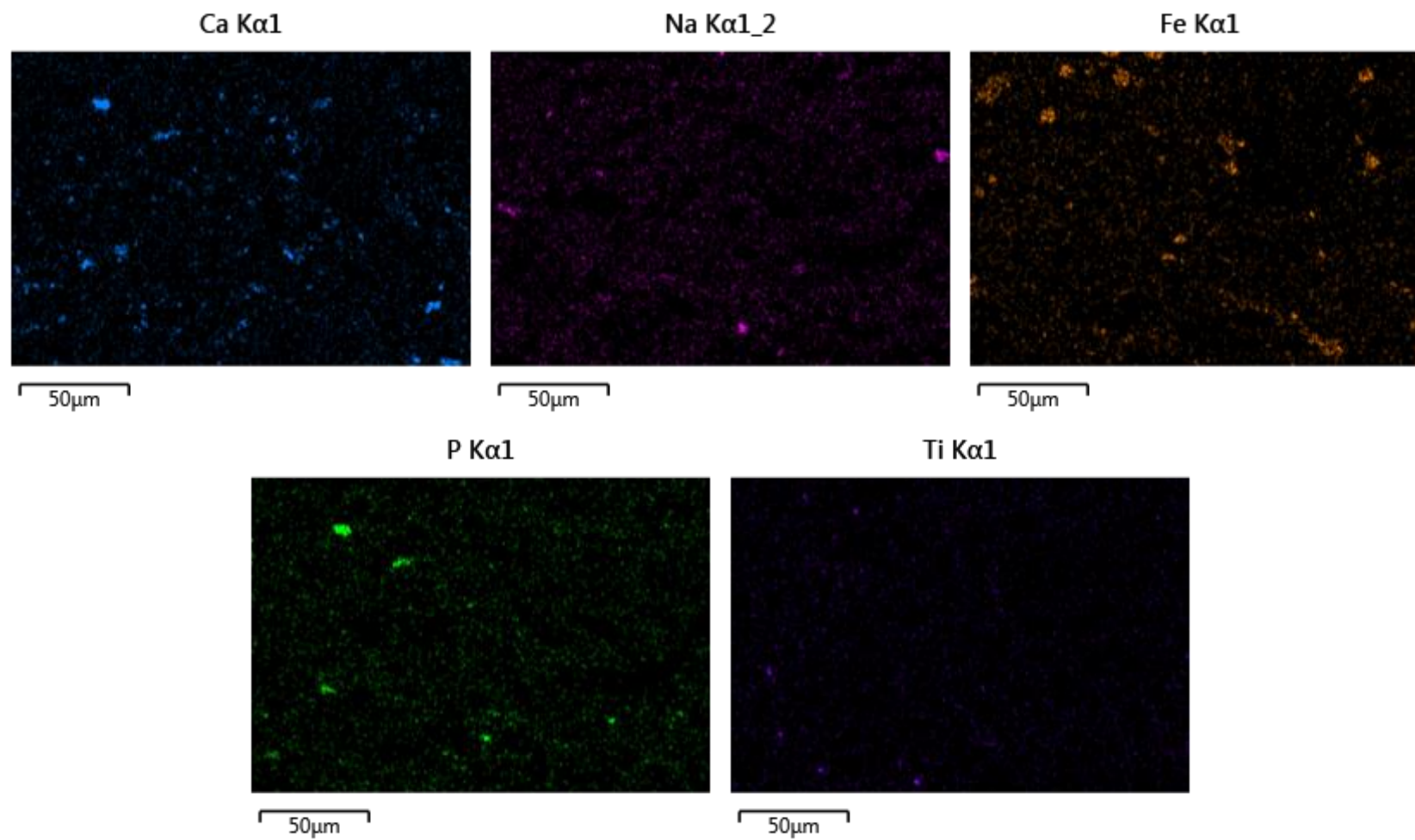




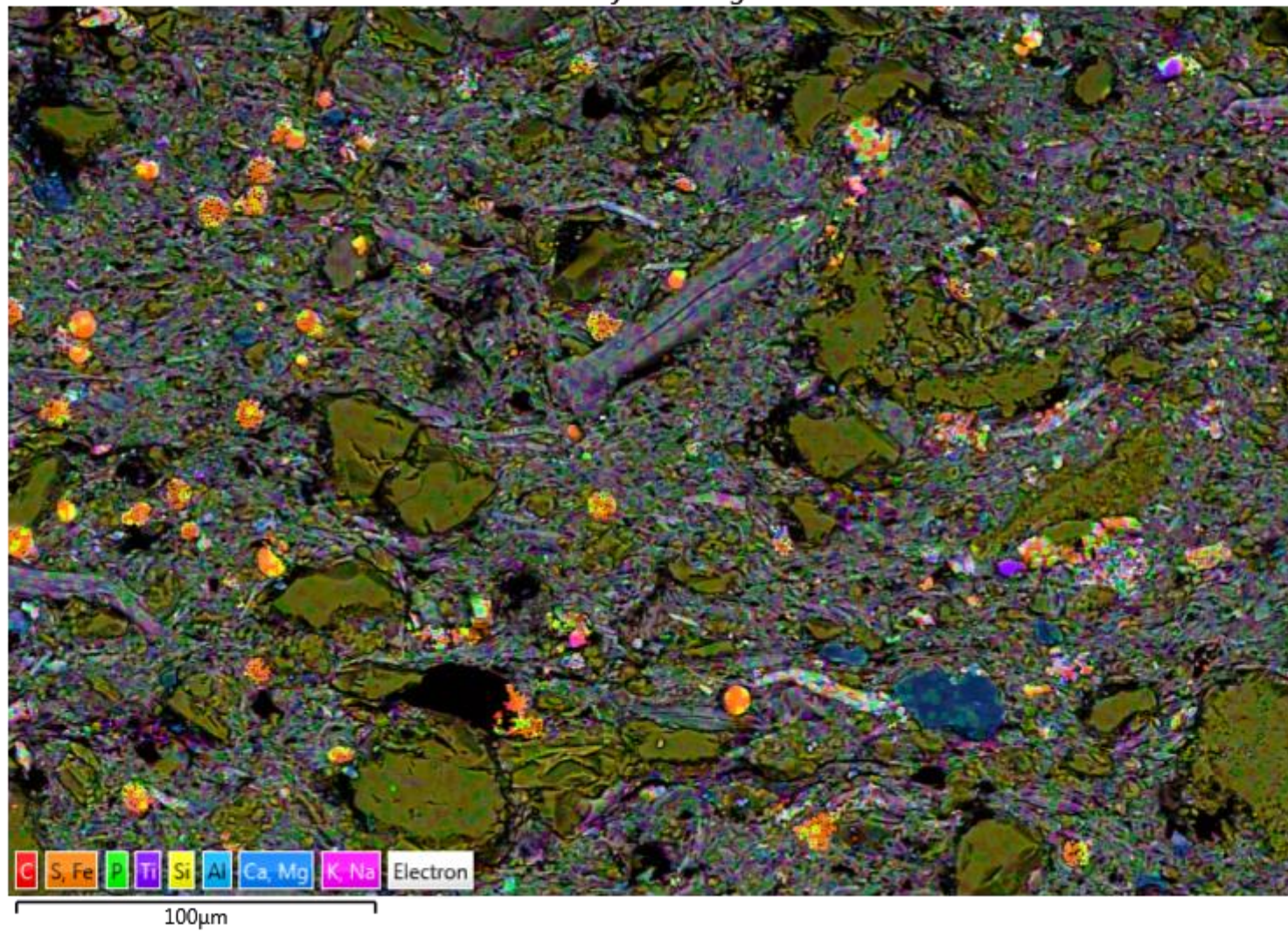
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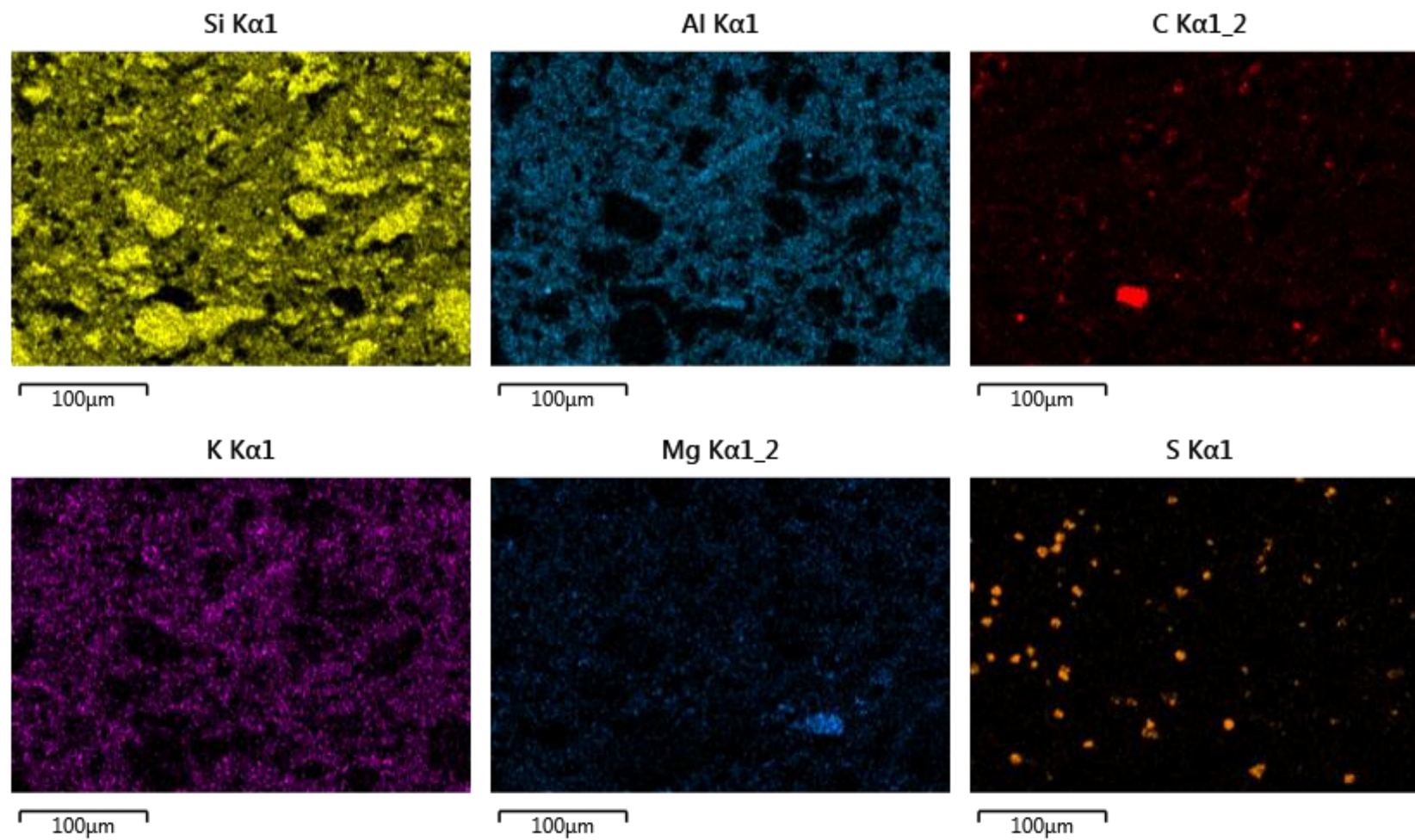


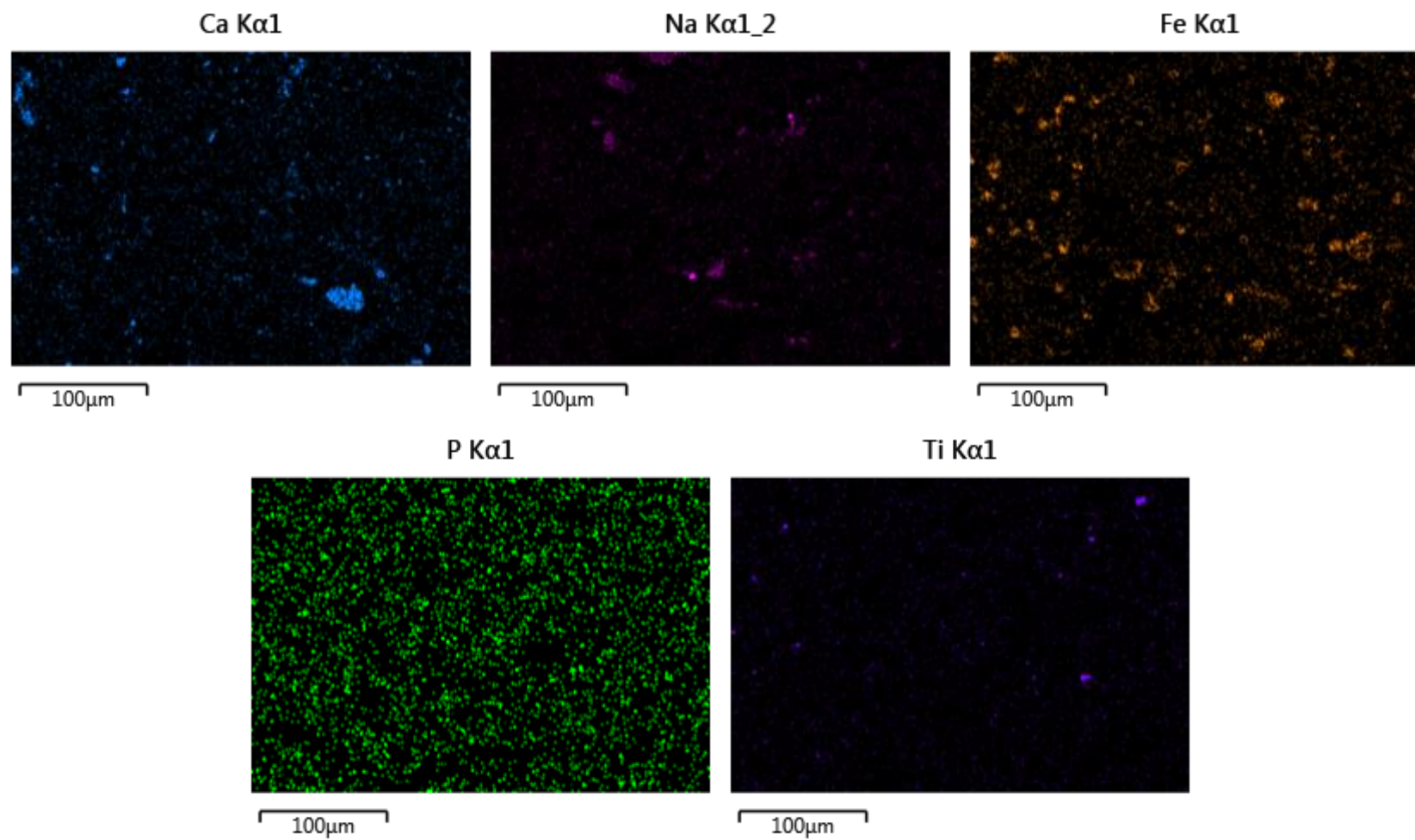




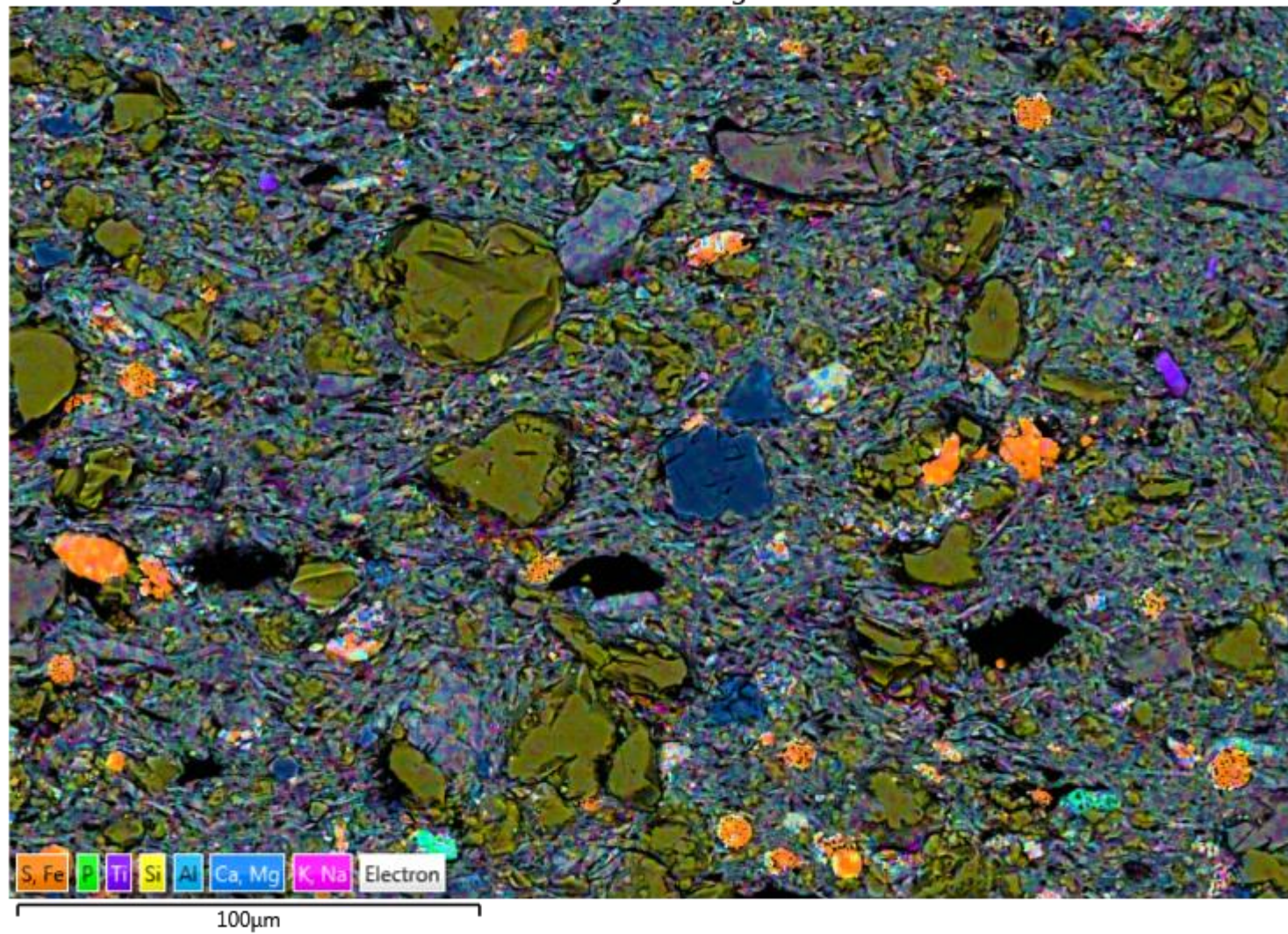
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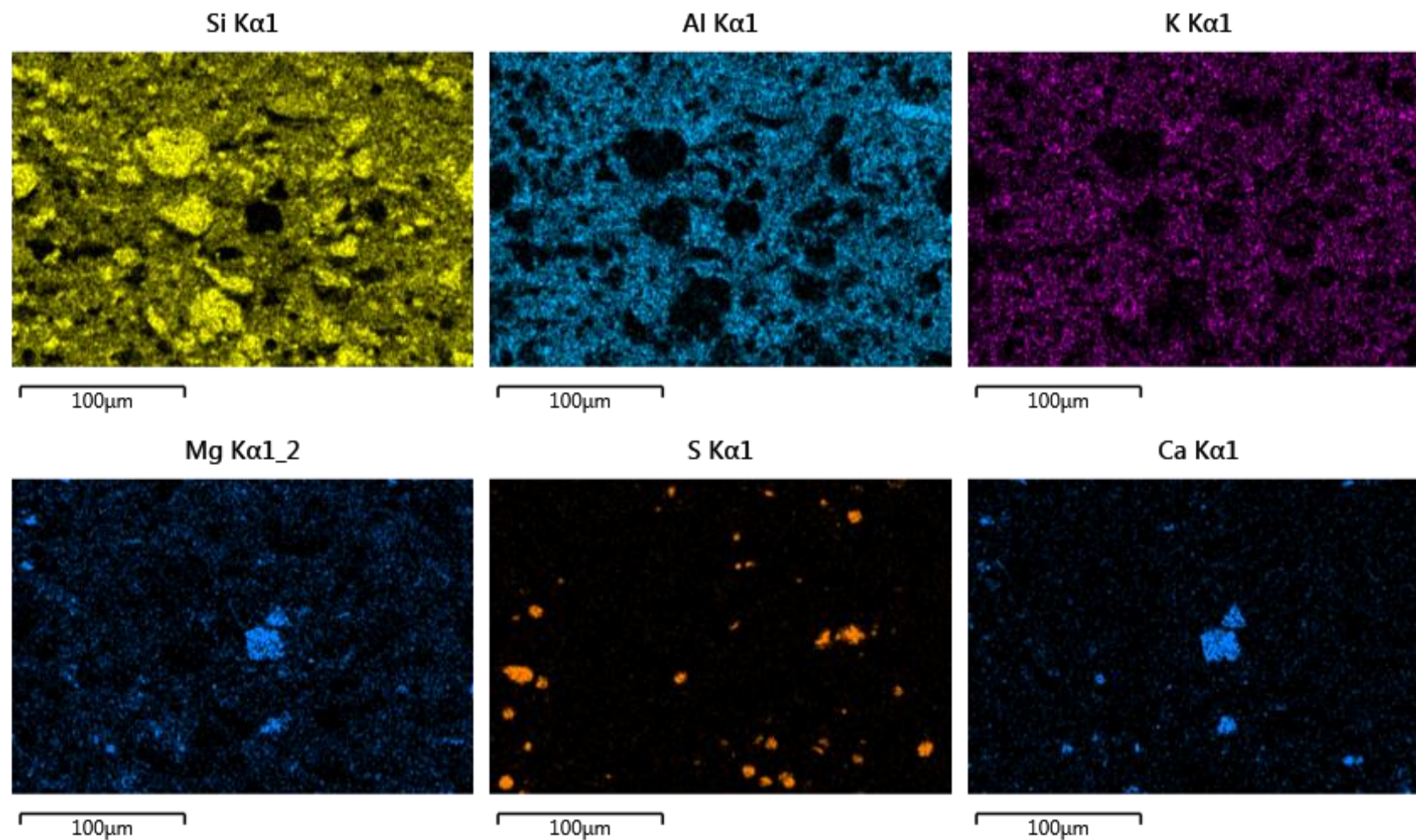


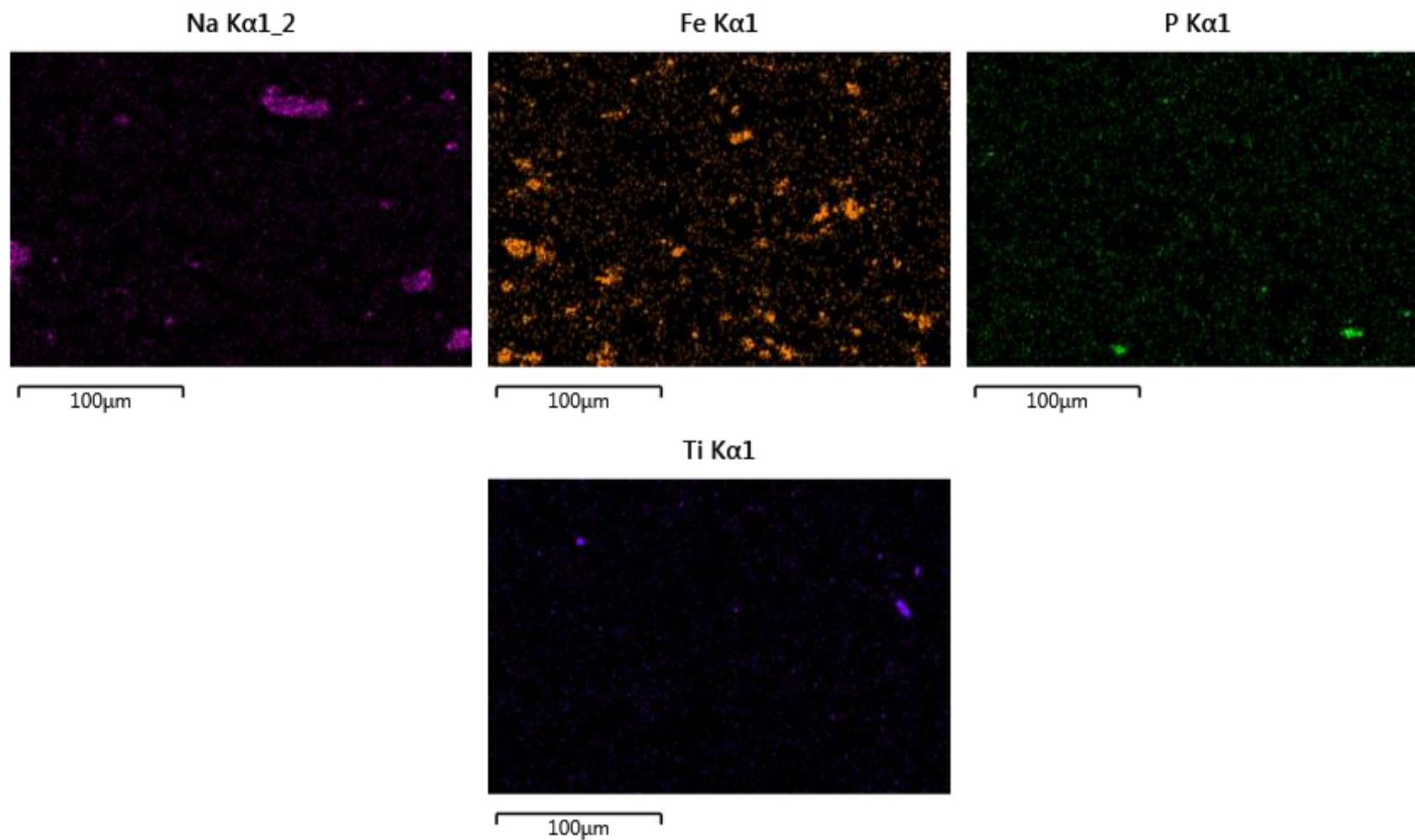




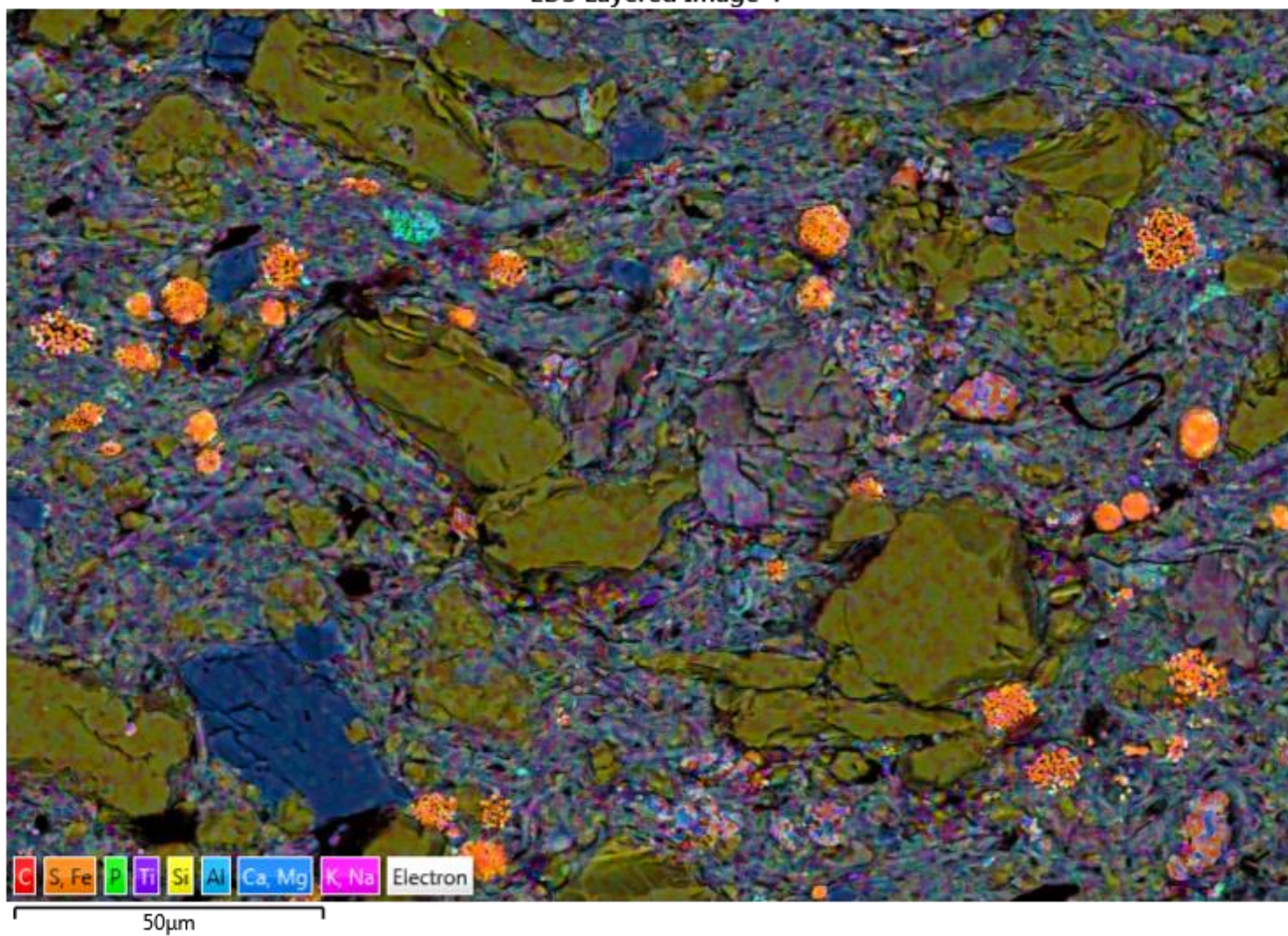
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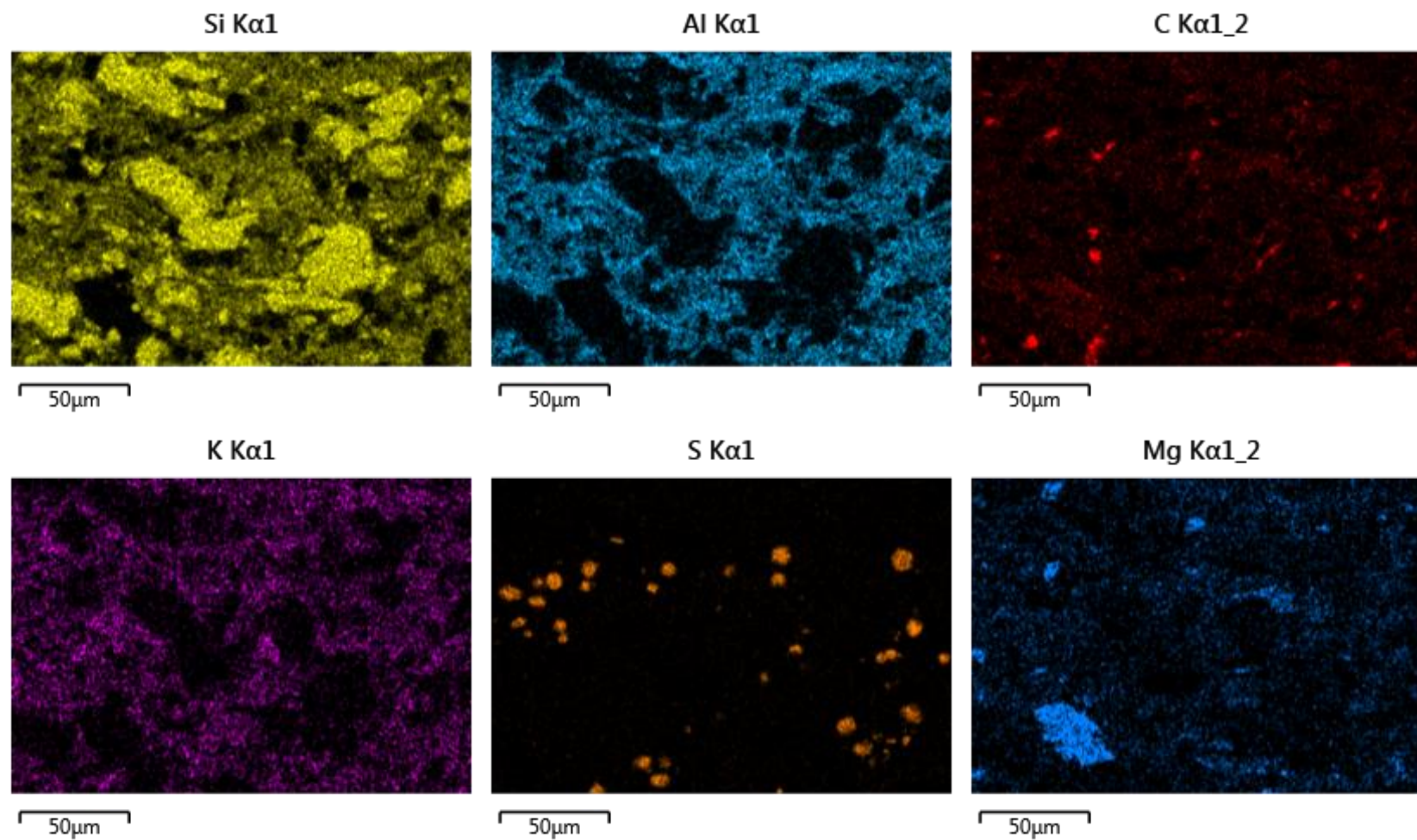


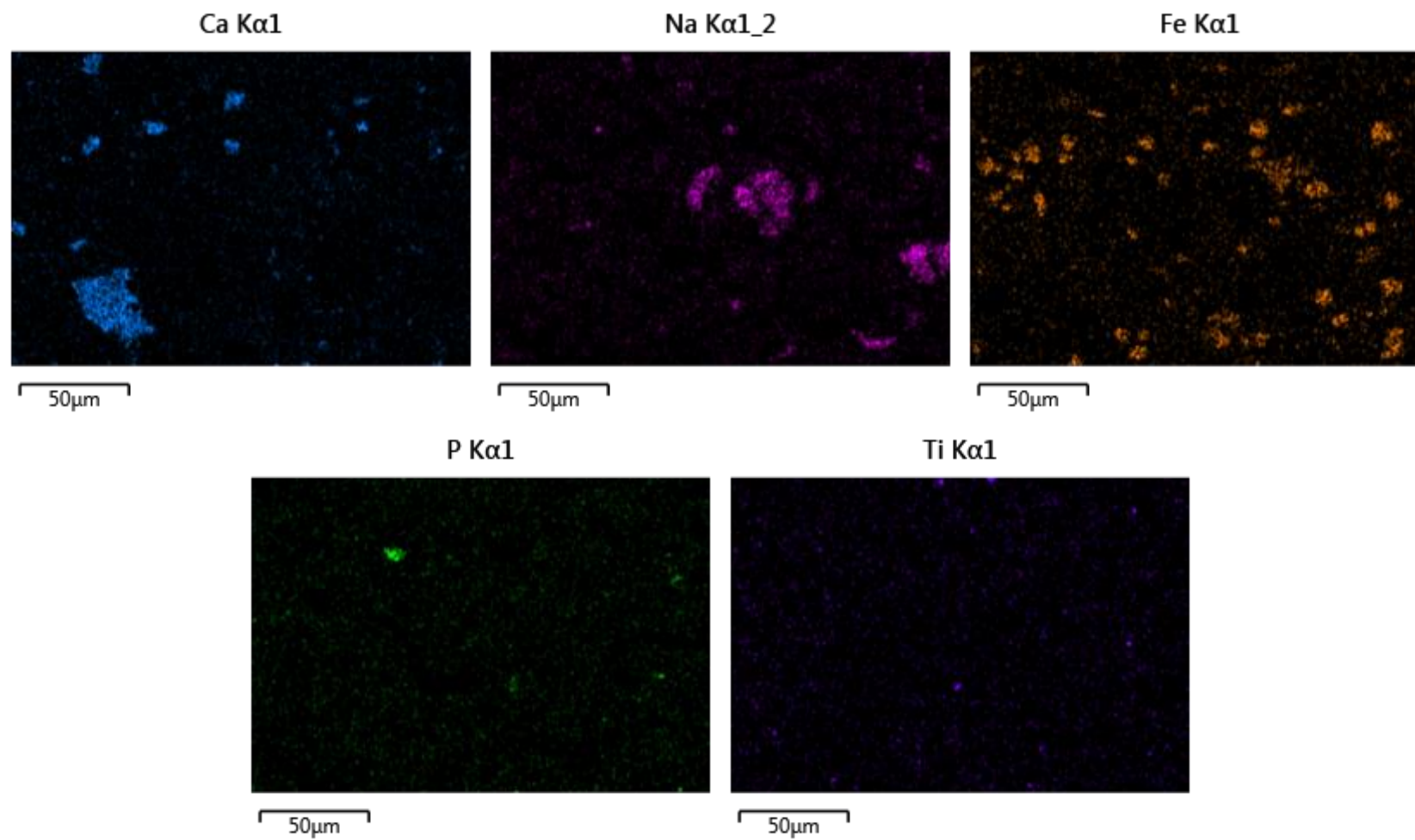




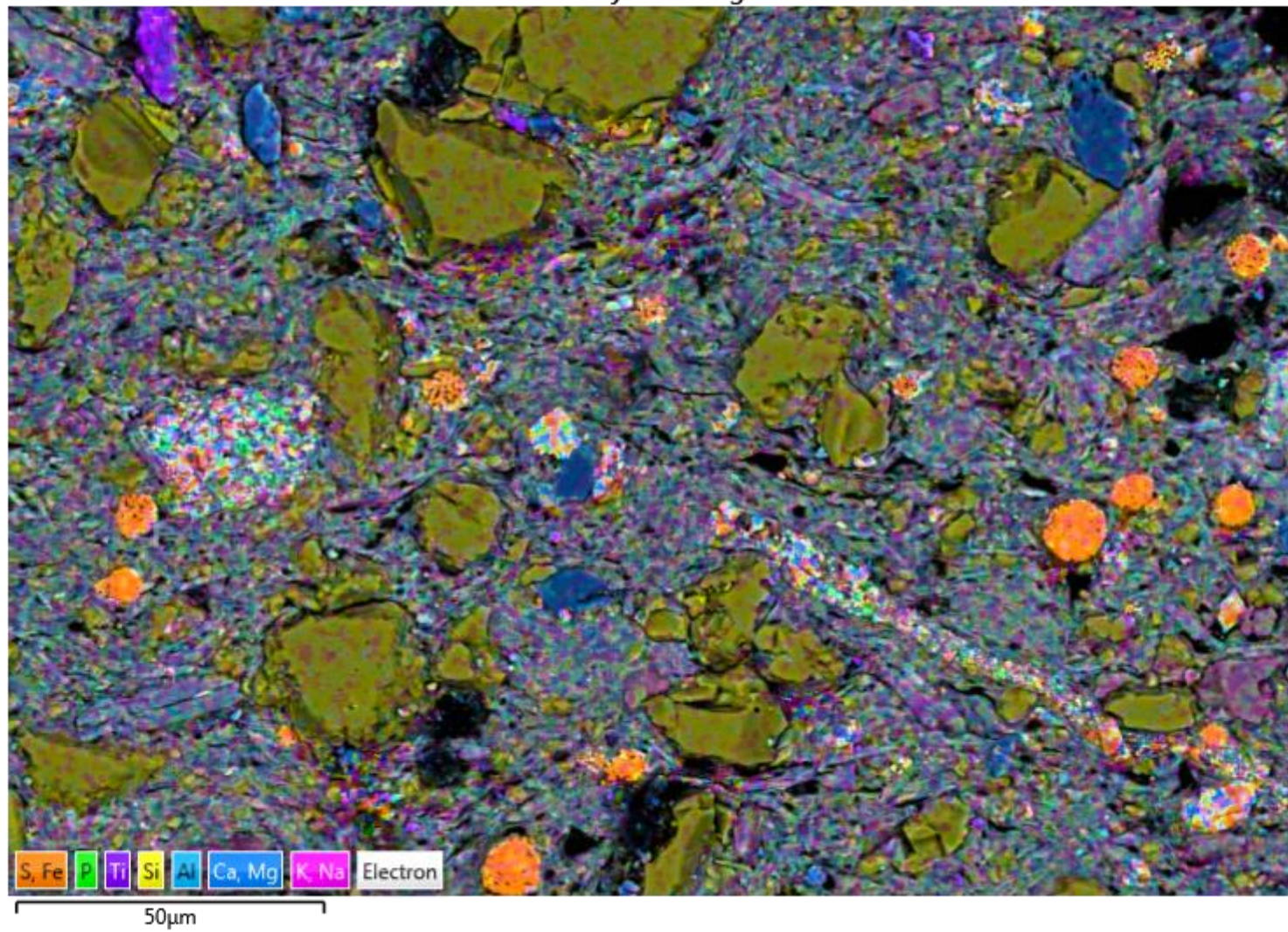
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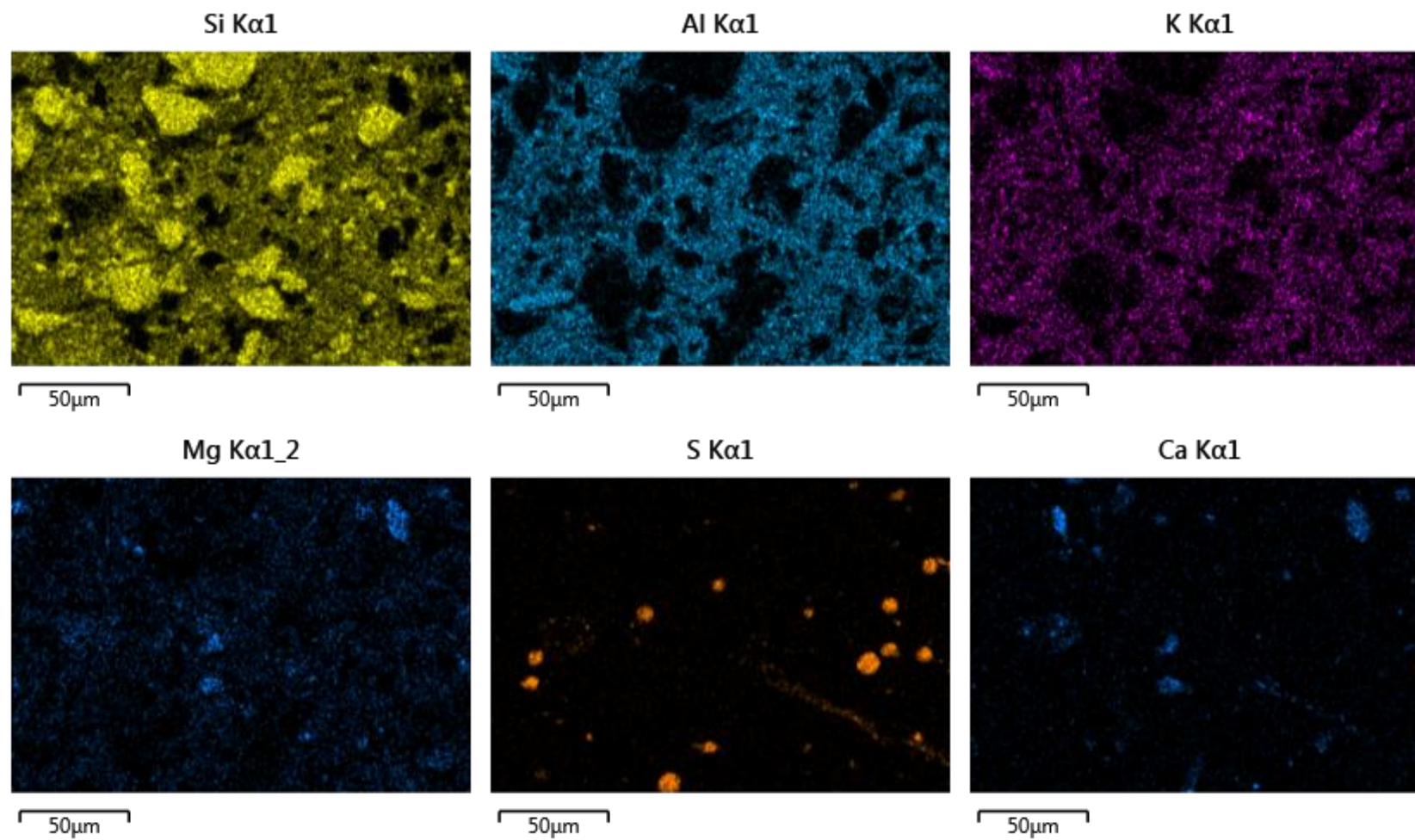


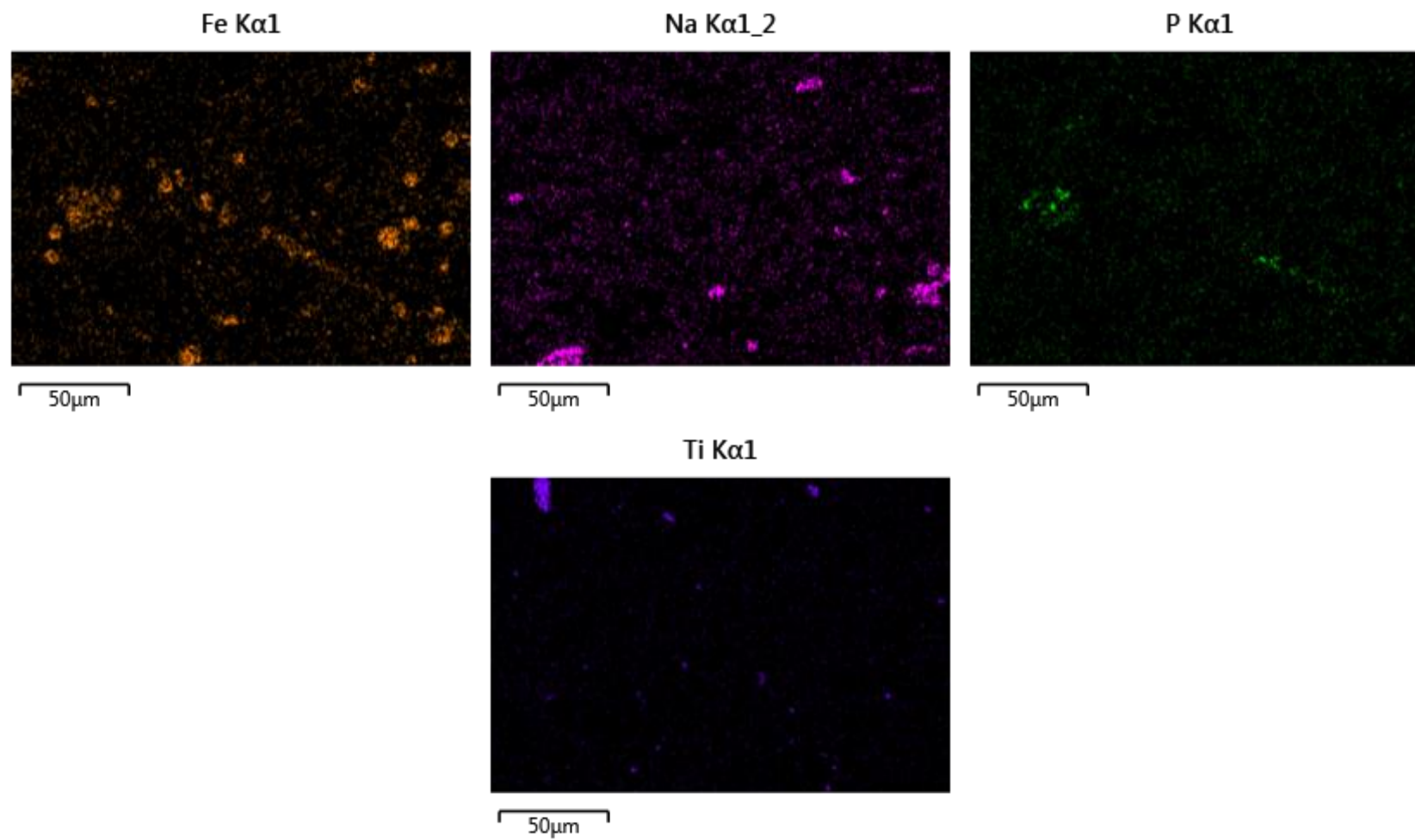




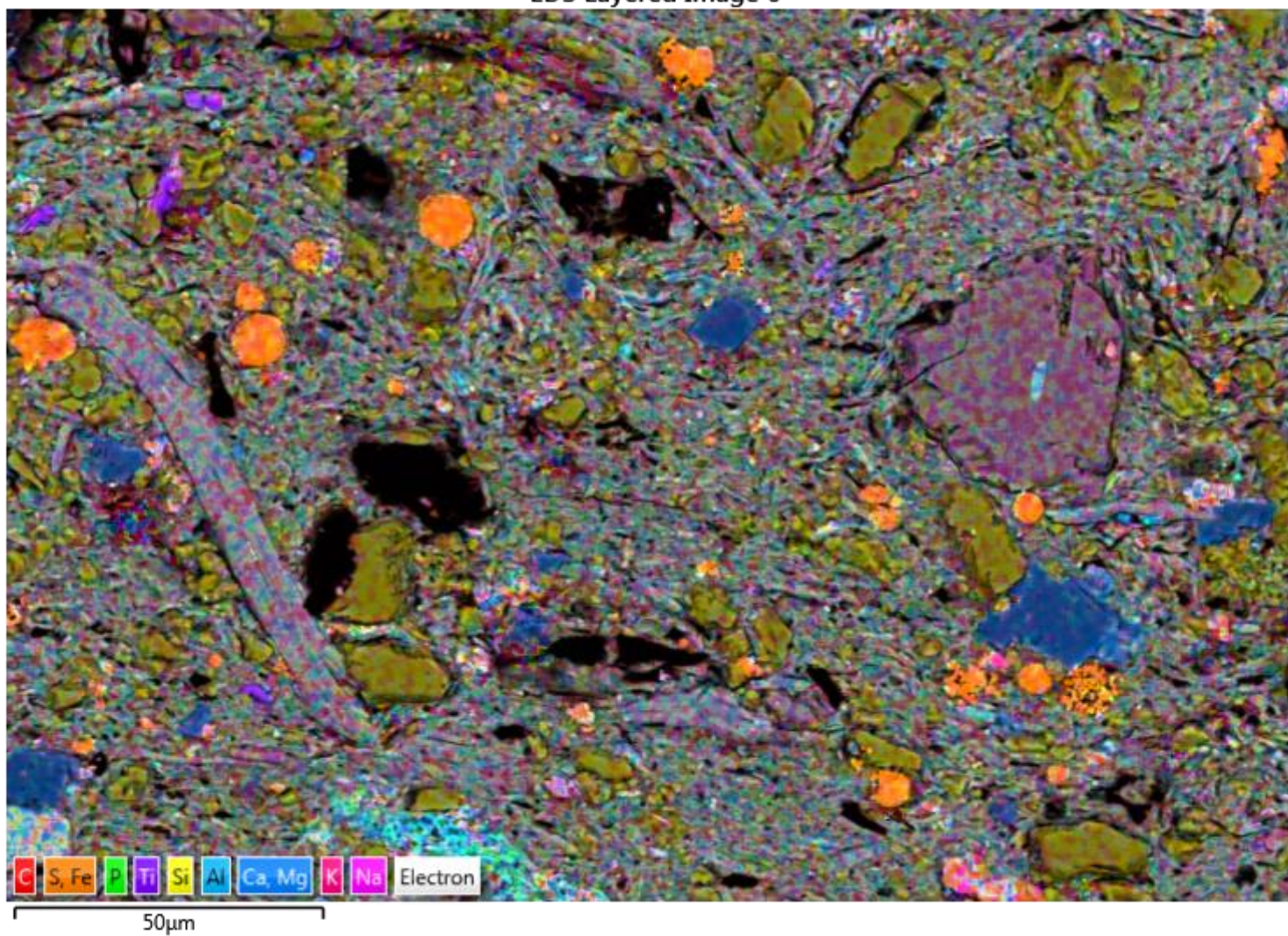
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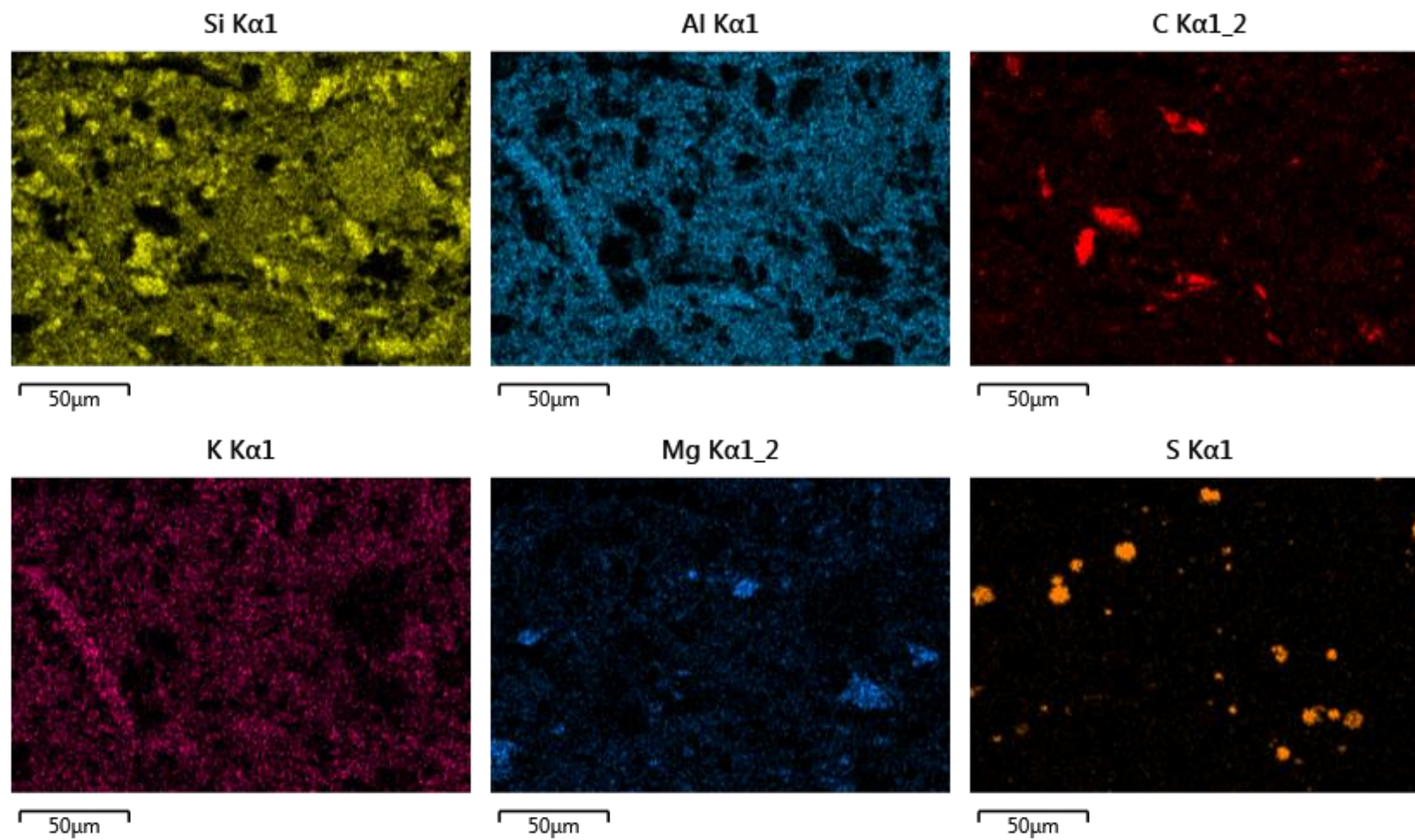


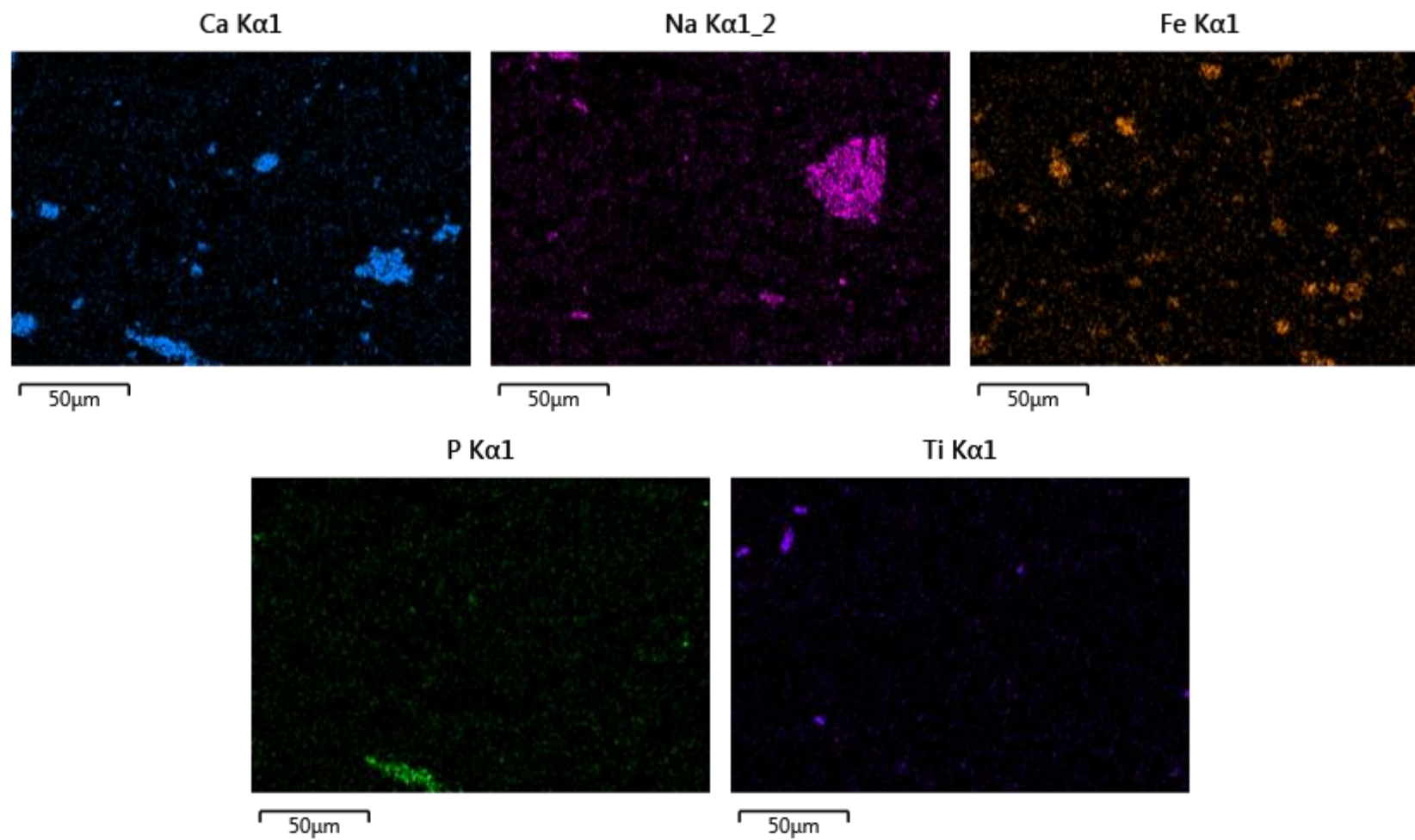




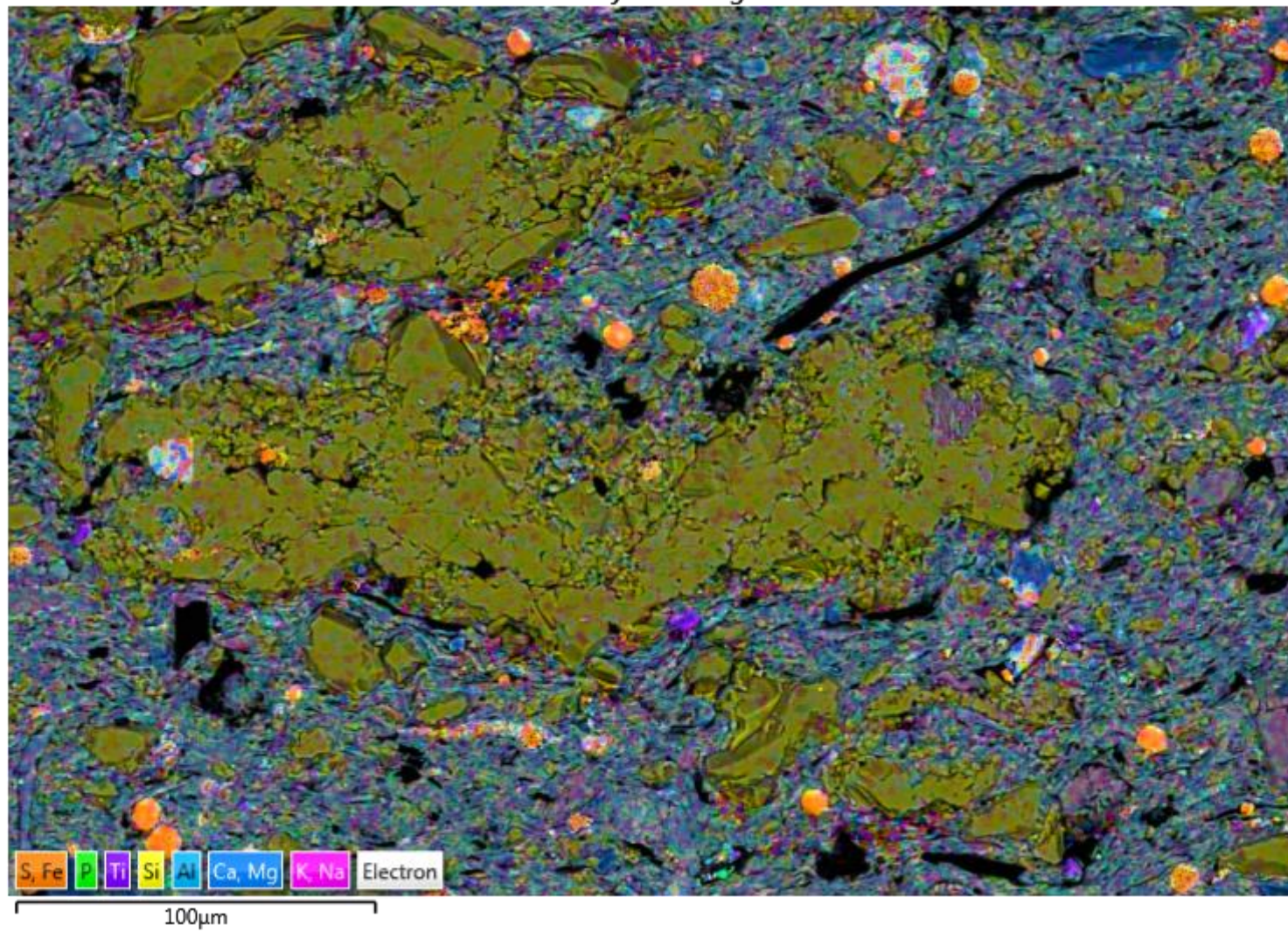
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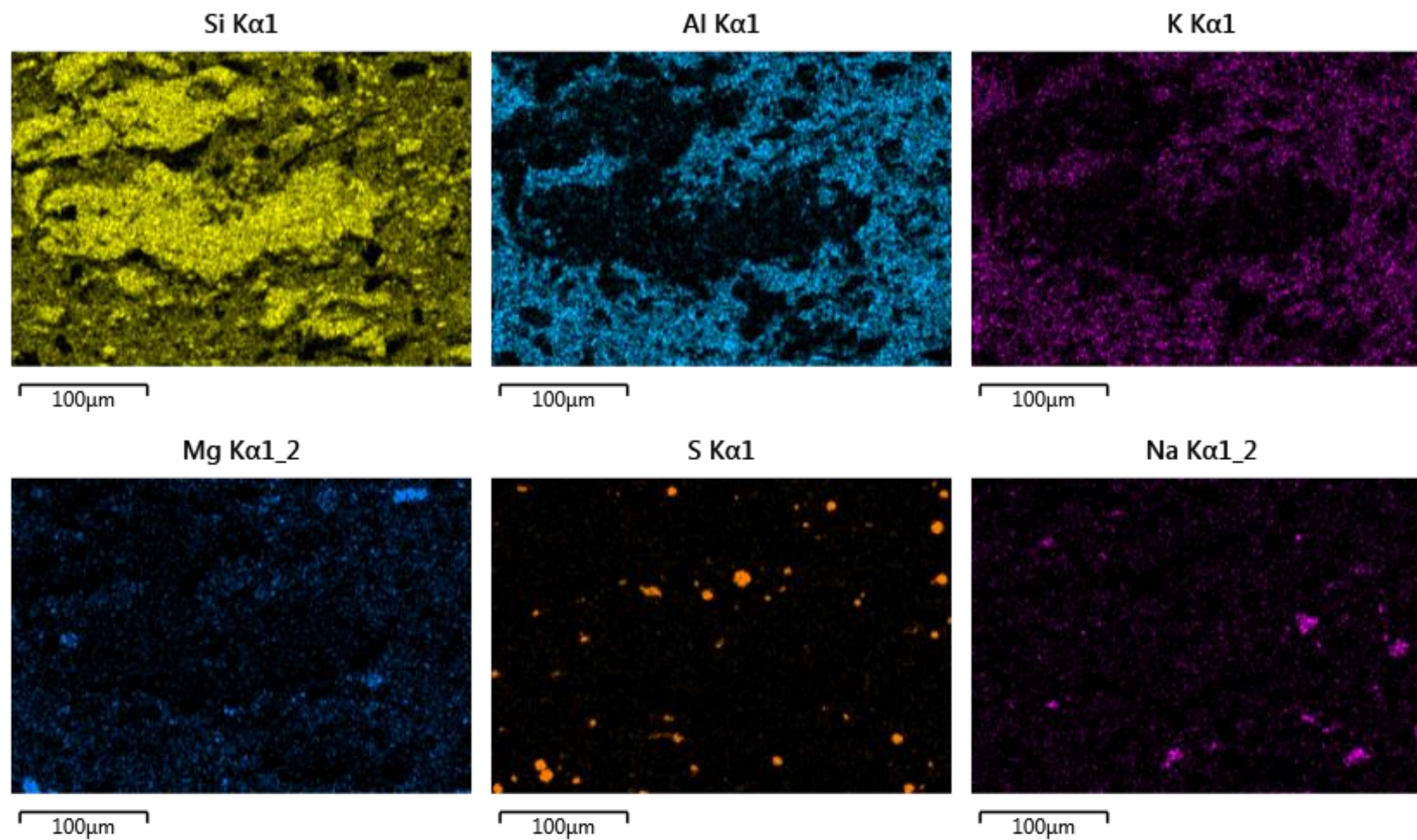


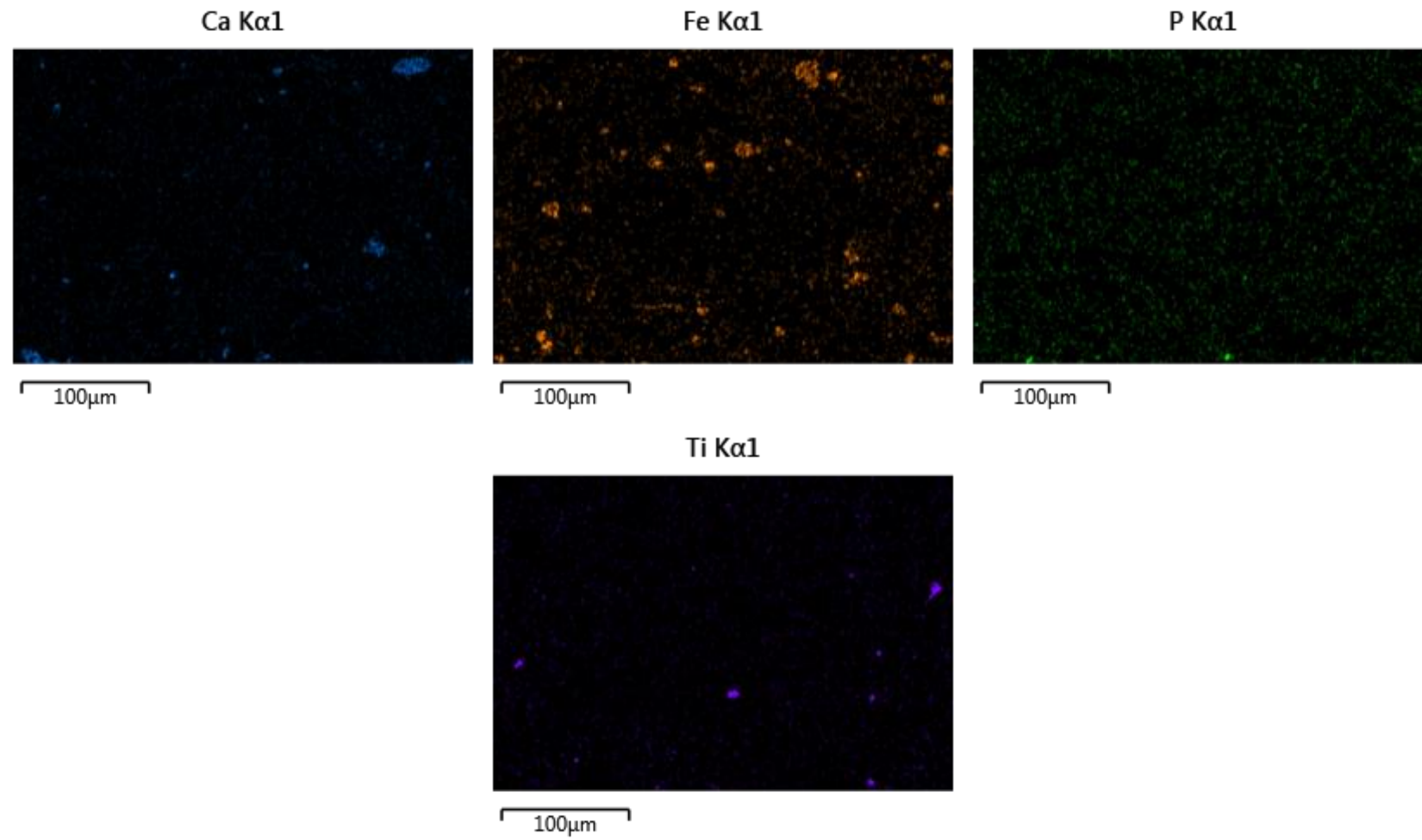




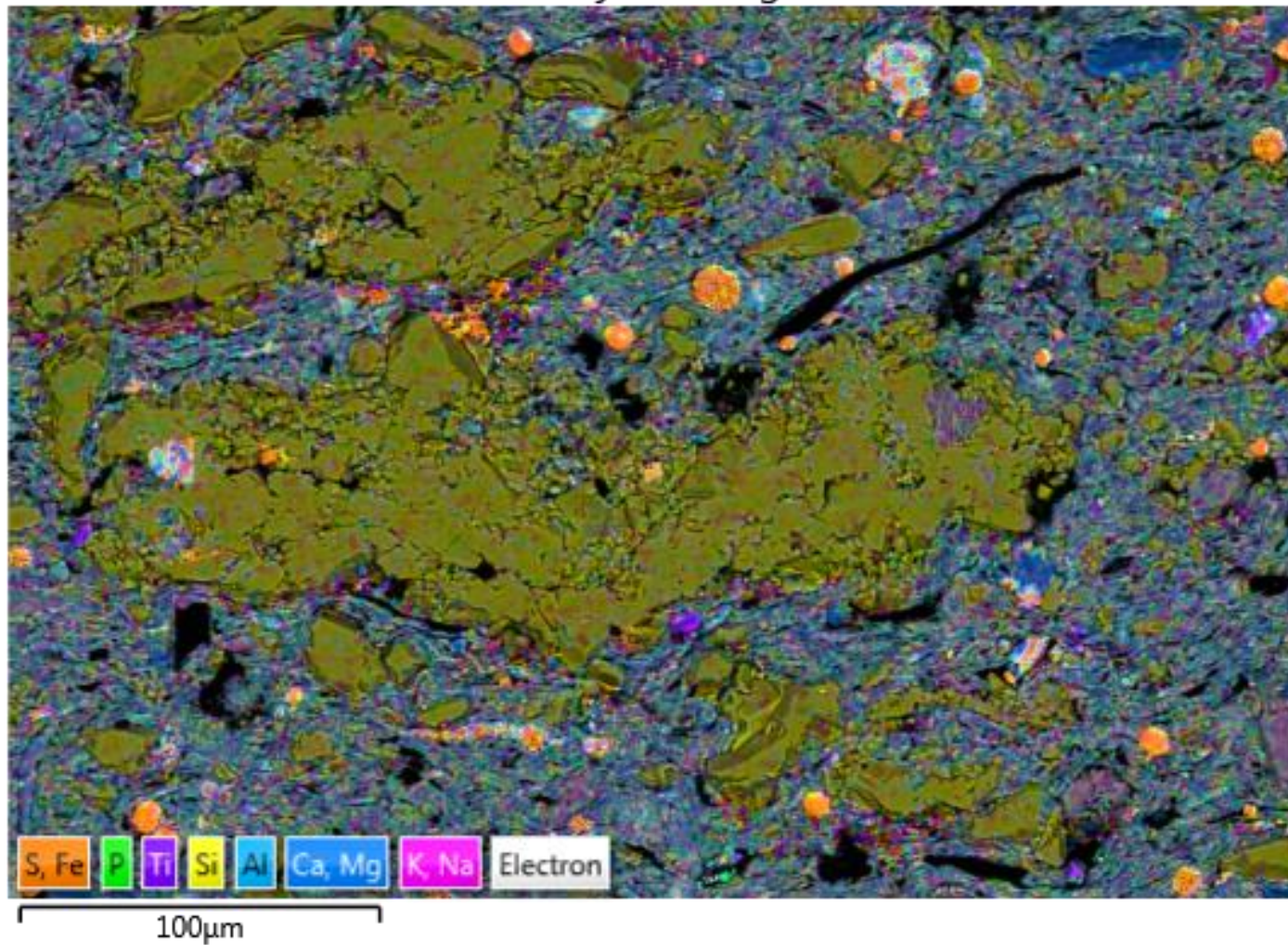
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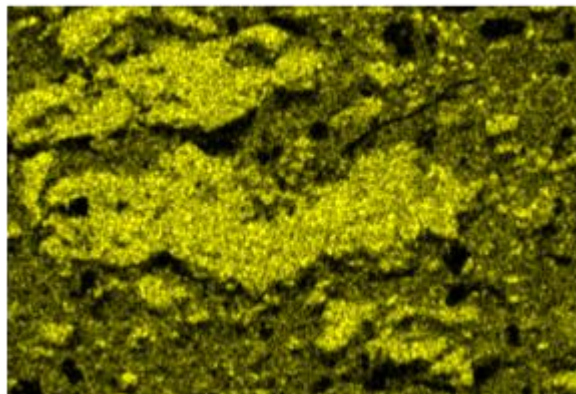




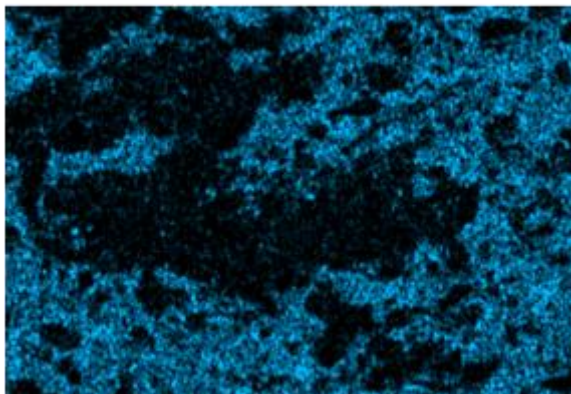


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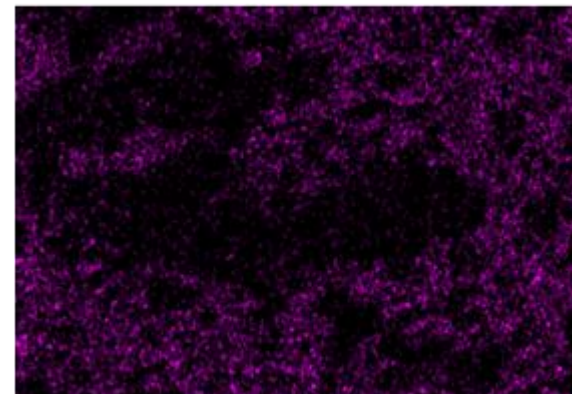


Si K α 1

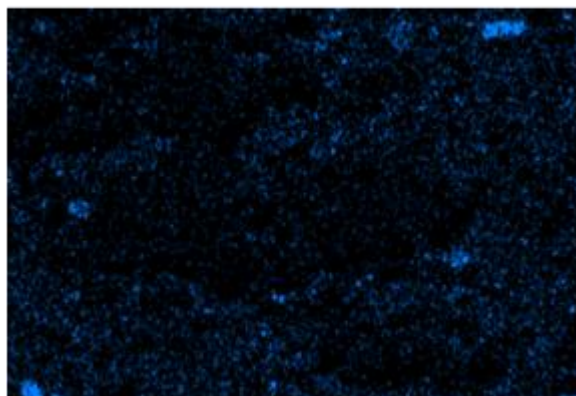
100μm

Al K α 1

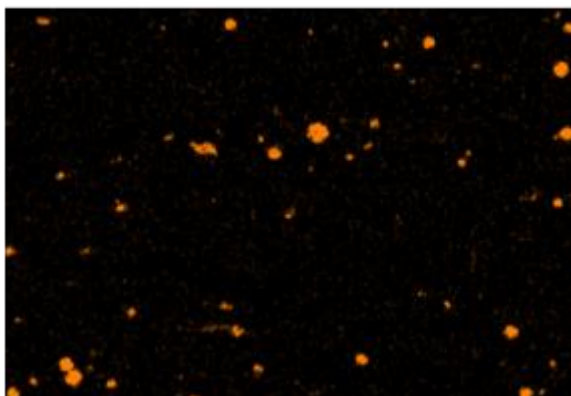
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K K α 1

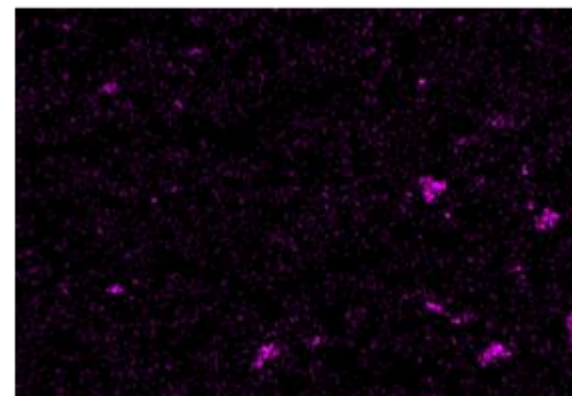
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Mg K α 1_2

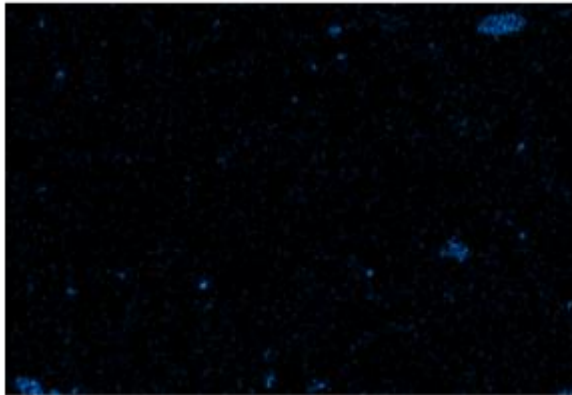
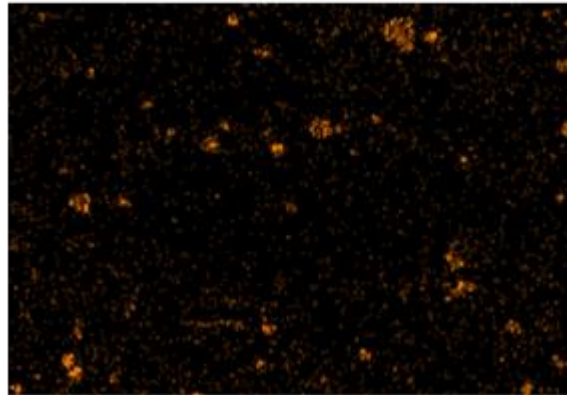
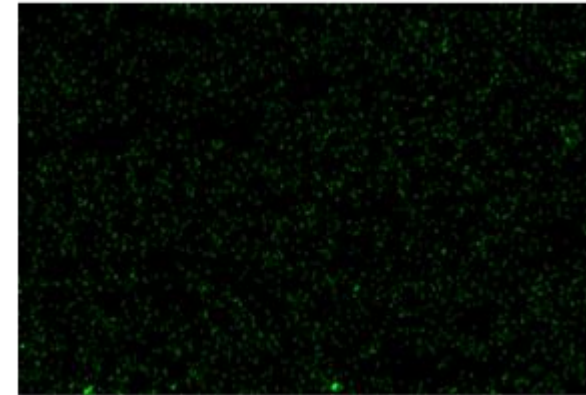
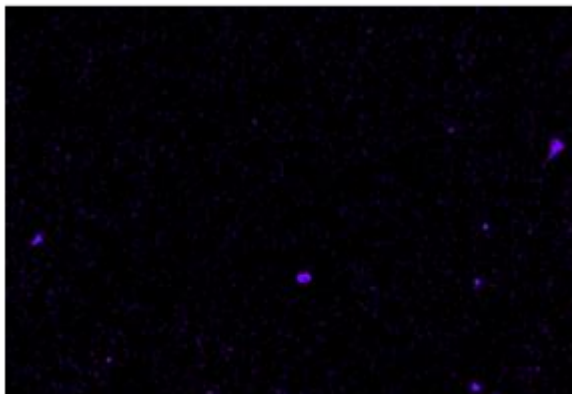
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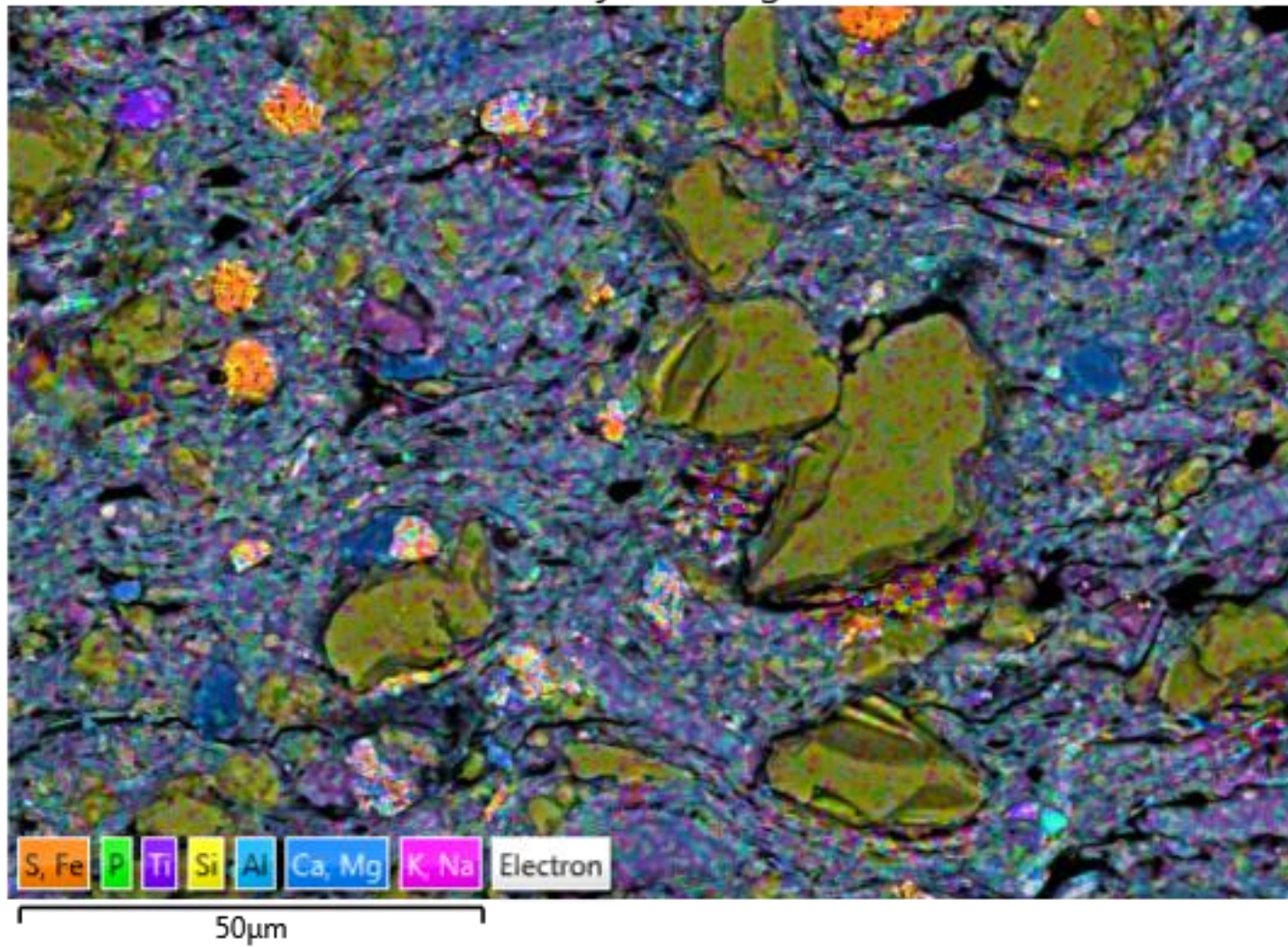
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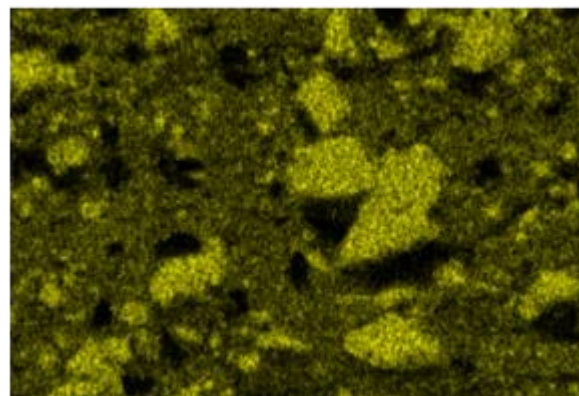
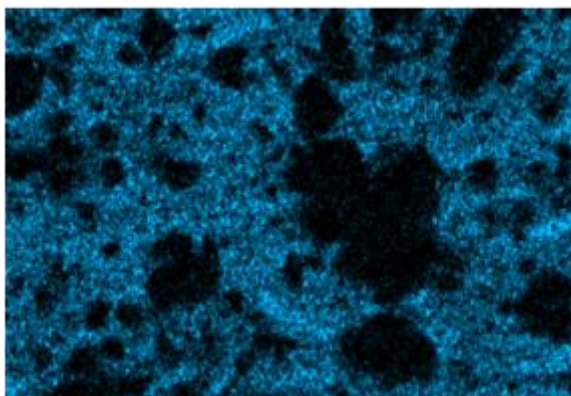
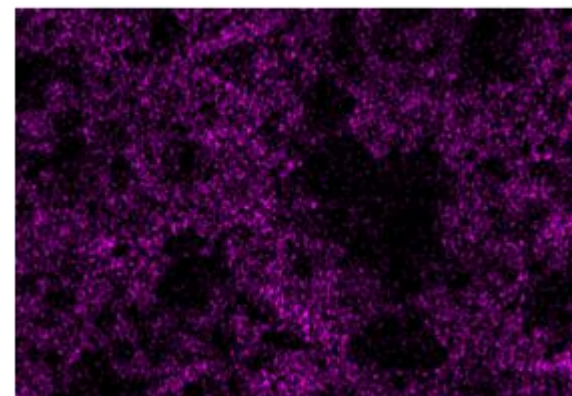
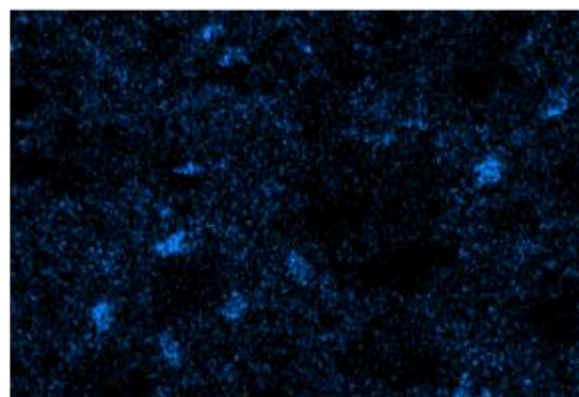
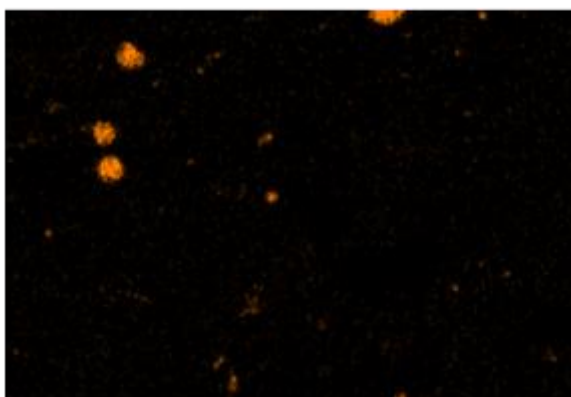
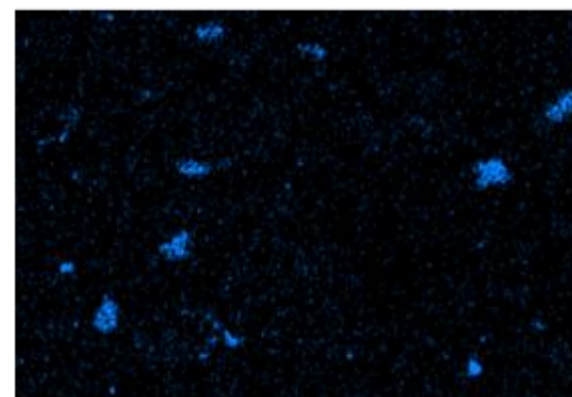
Na K α 1_2

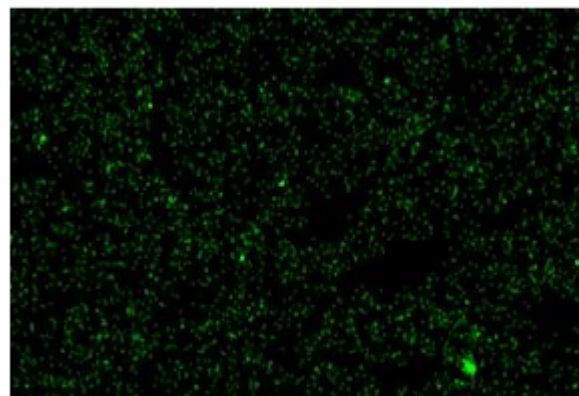
100μm

Ca K α 1Fe K α 1P K α 1Ti K α 1

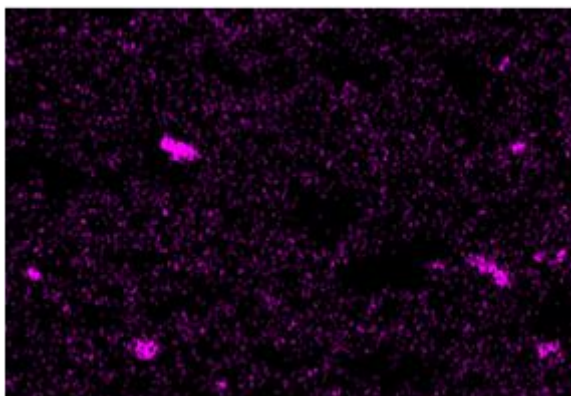
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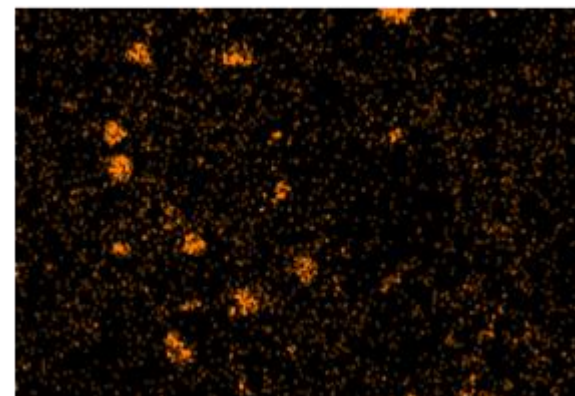
Si K α 150 μ mAl K α 150 μ mK K α 150 μ mMg K α 1_250 μ mS K α 150 μ mCa K α 150 μ m

P K α 1

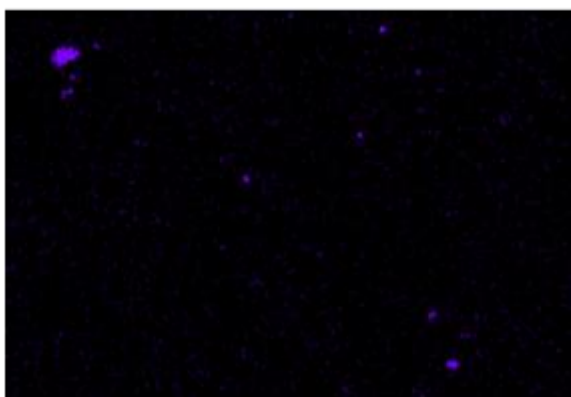
50μm

Na K α 1_2

50μm

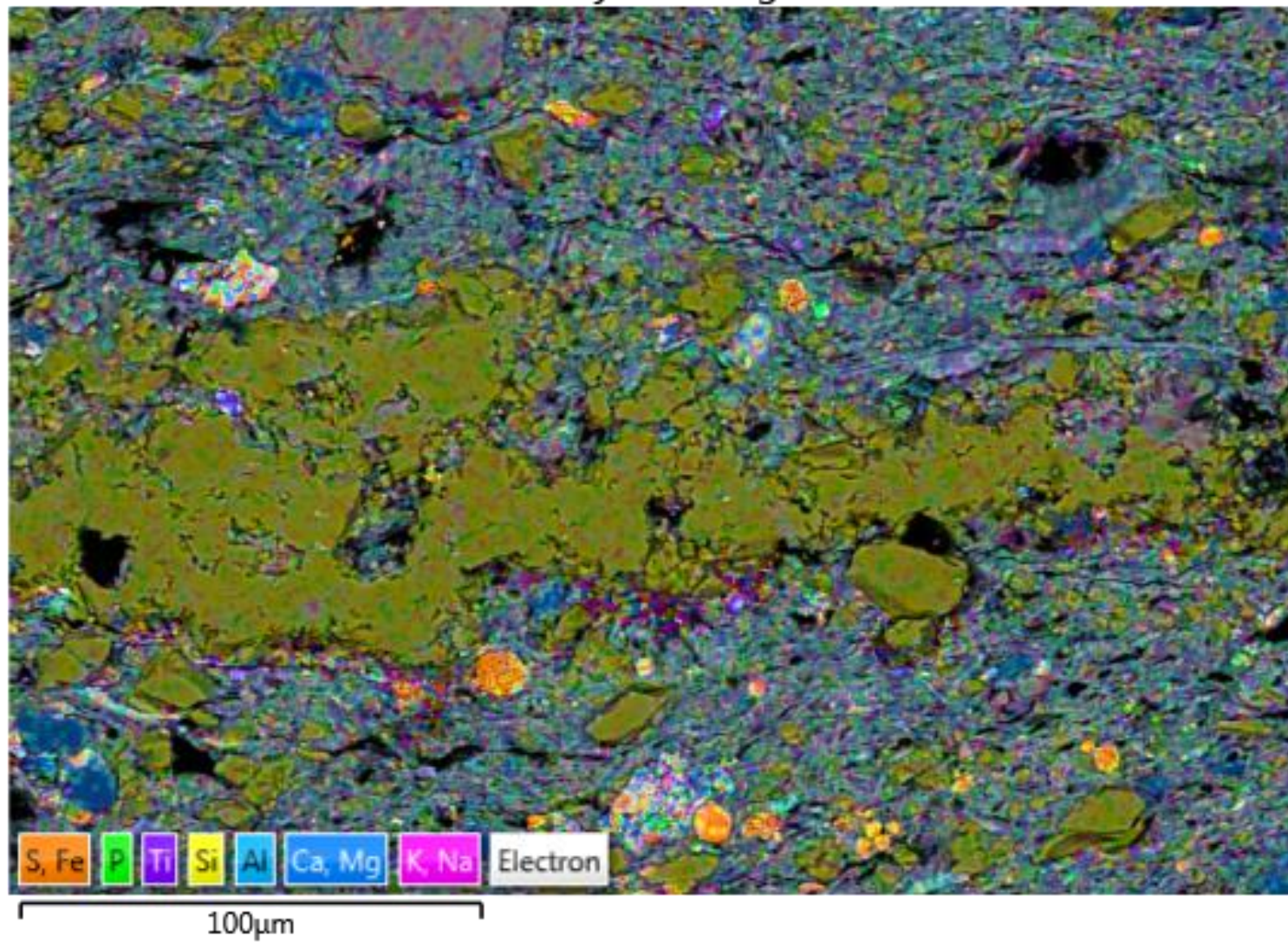
Fe K α 1

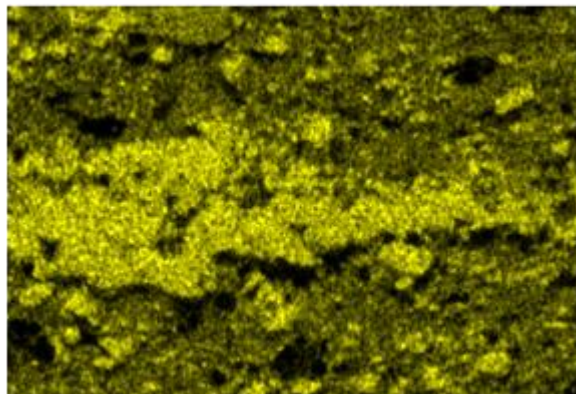
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Ti K α 1

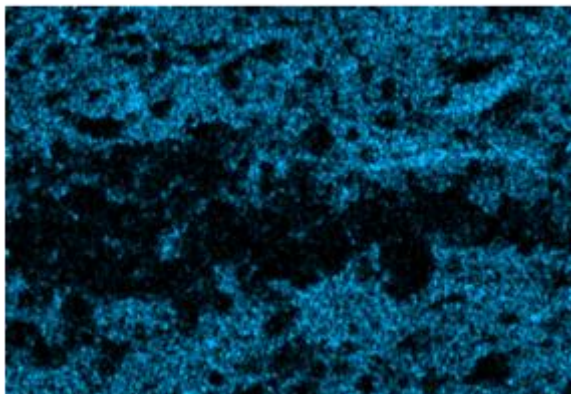
50μm

EDS Layered Image 3

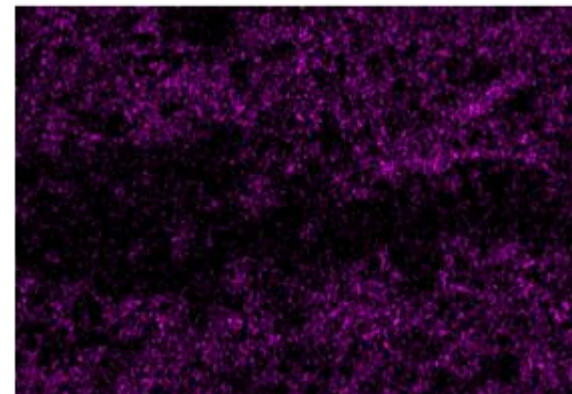


Si K α 1

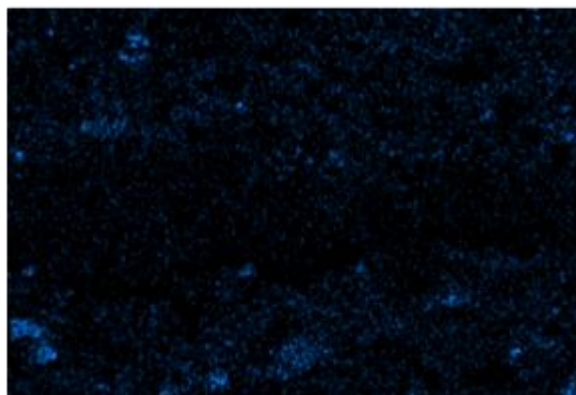
100μm

Al K α 1

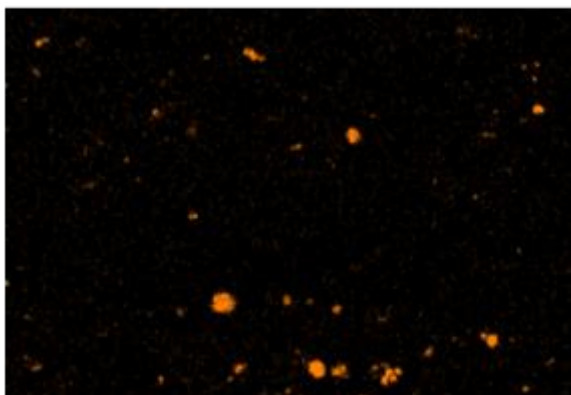
100μm

K K α 1

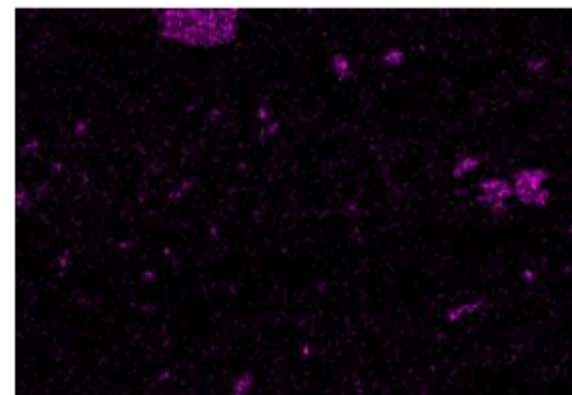
100μm

Mg K α 1_2

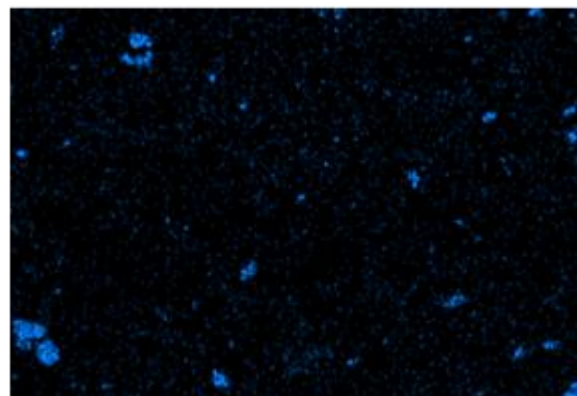
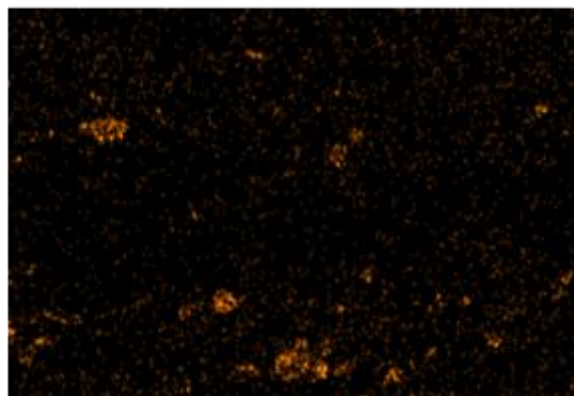
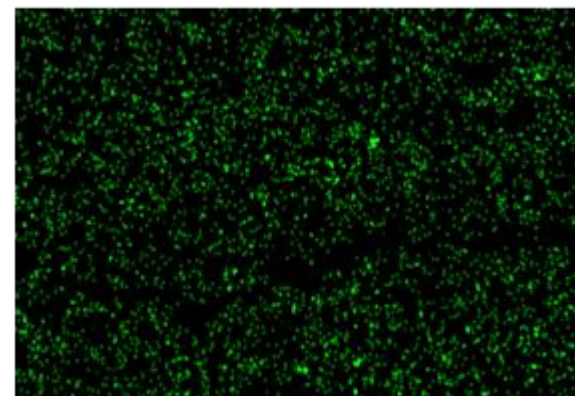
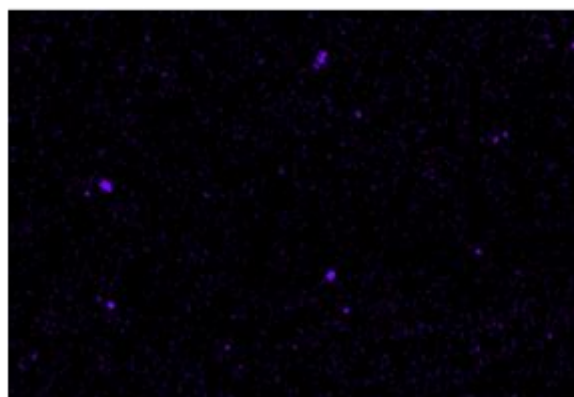
100μm

S K α 1

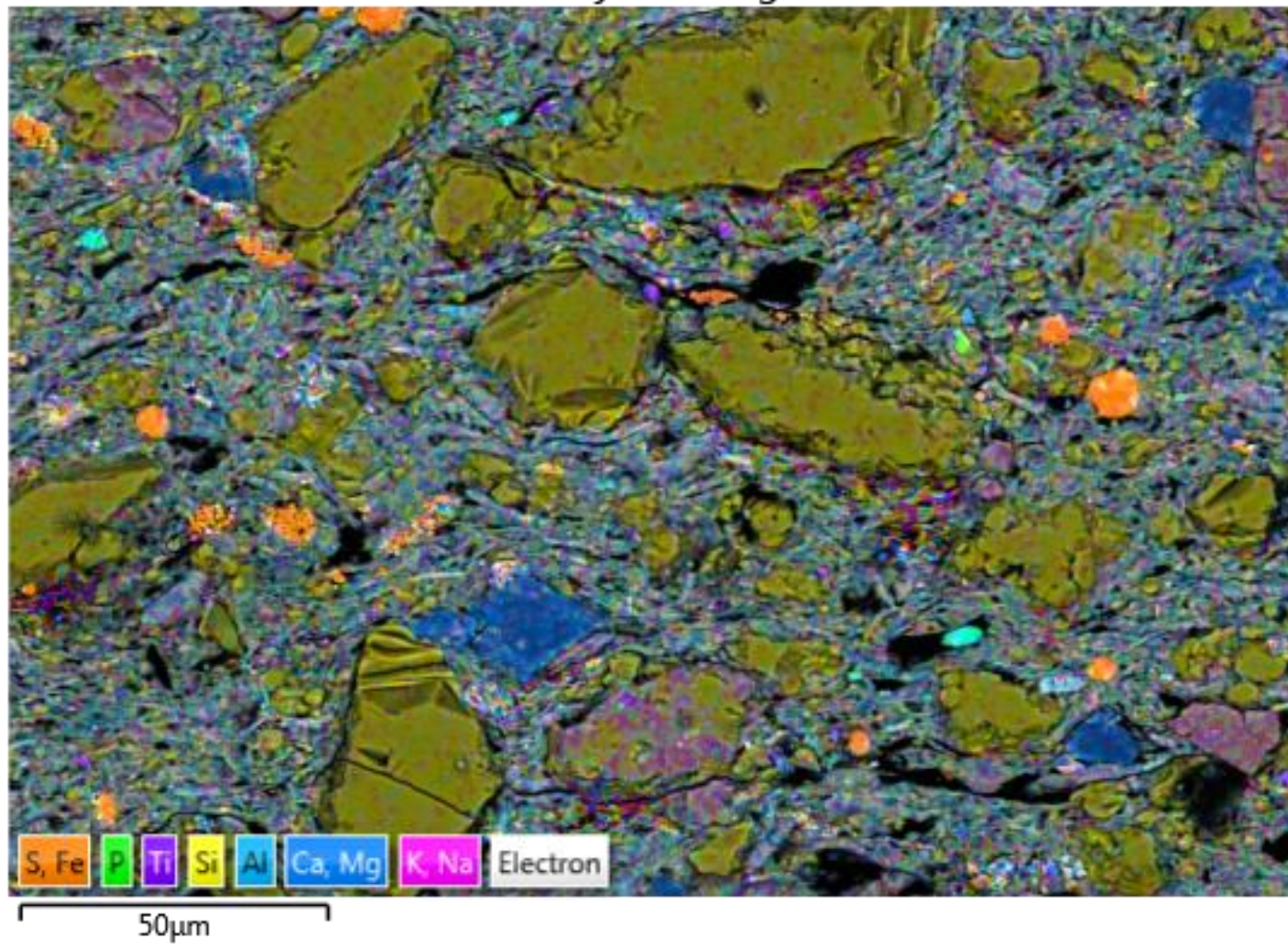
100μm

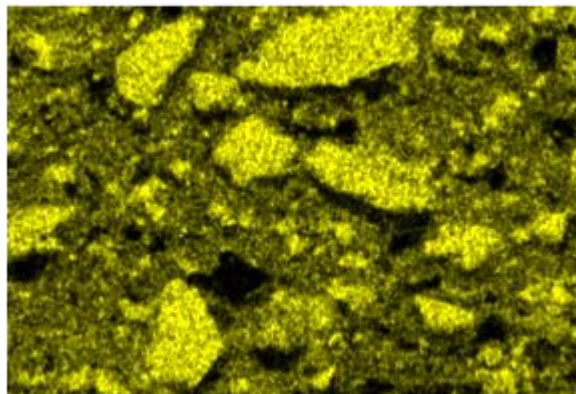
Na K α 1_2

100μm

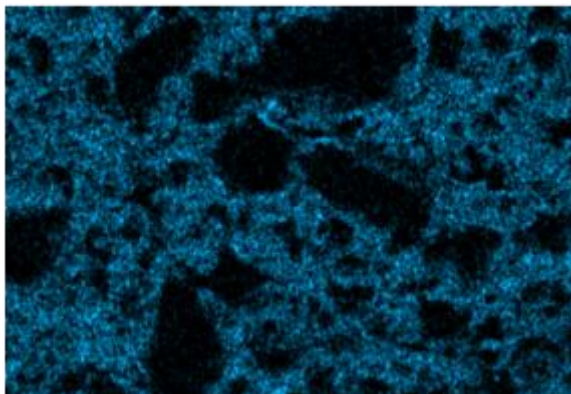
Ca K α 1100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 4

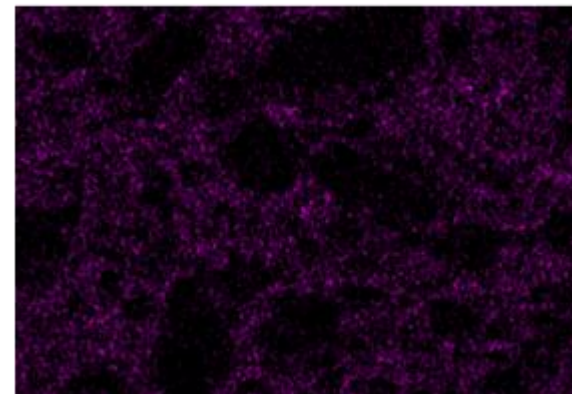


Si K α 1

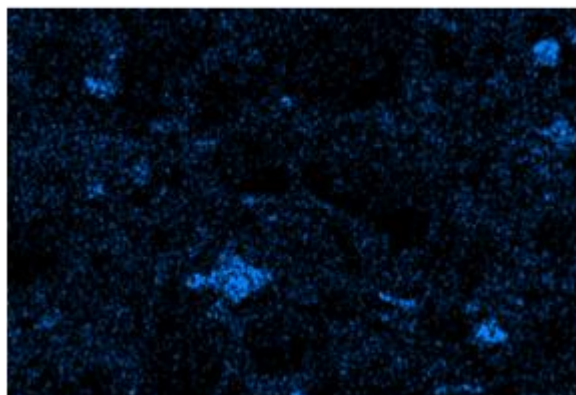
50μm

Al K α 1

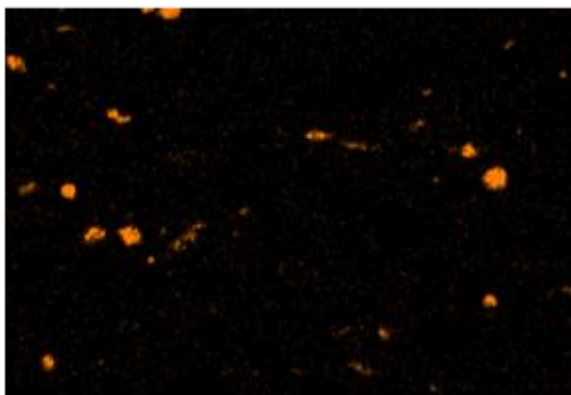
50μm

K K α 1

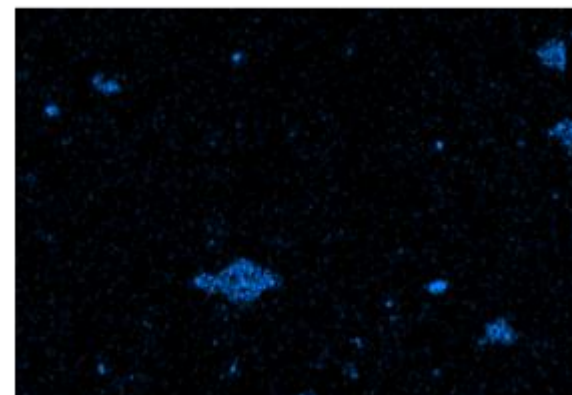
50μm

Mg K α 1_2

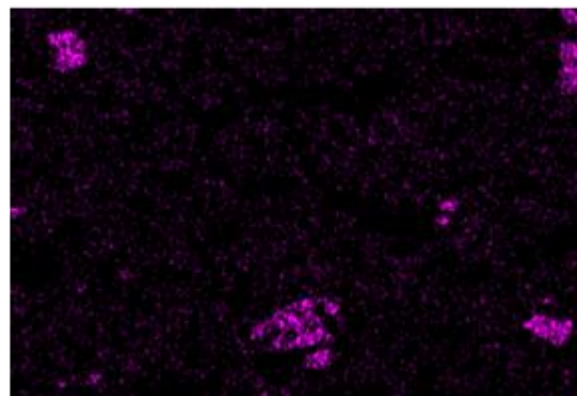
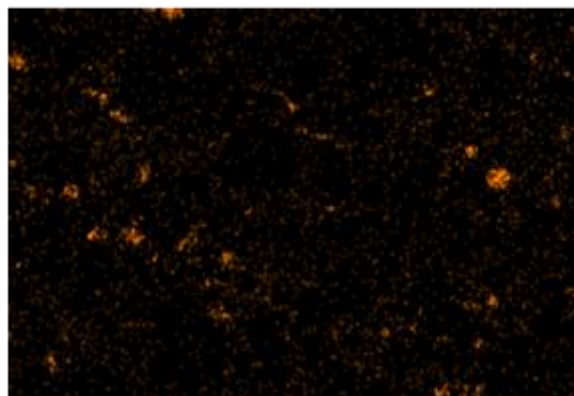
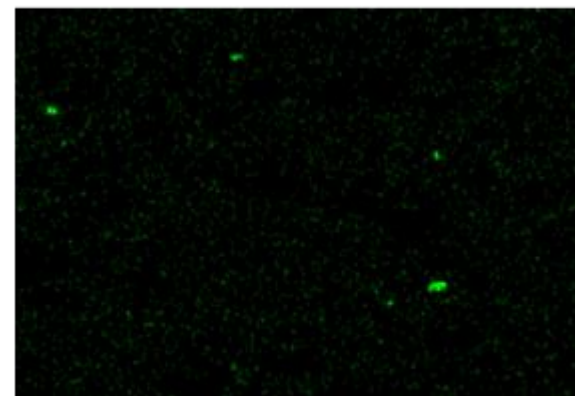
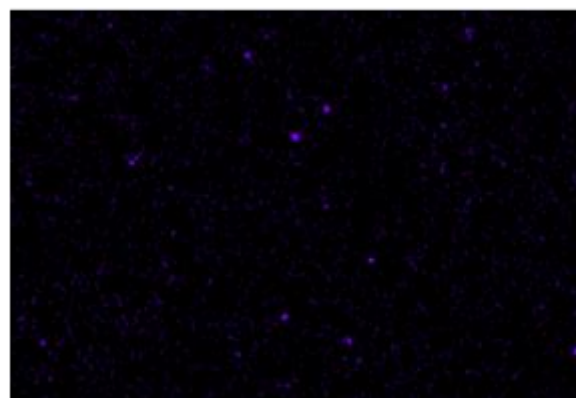
50μm

S K α 1

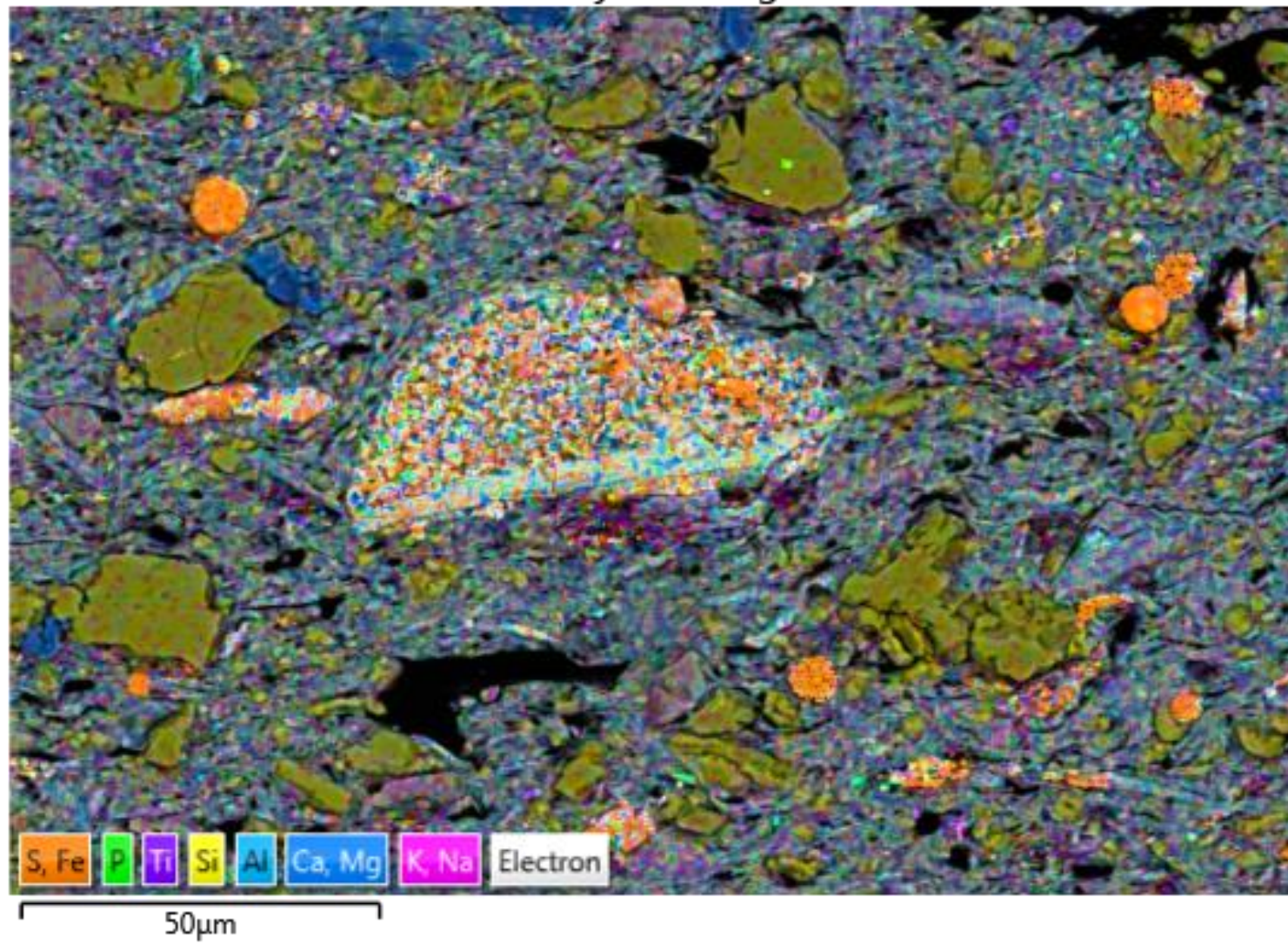
50μm

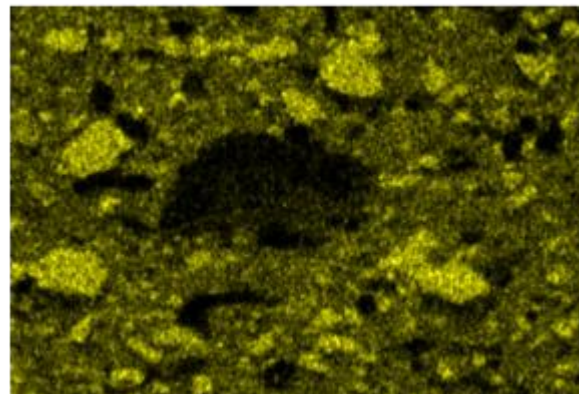
Ca K α 1

50μm

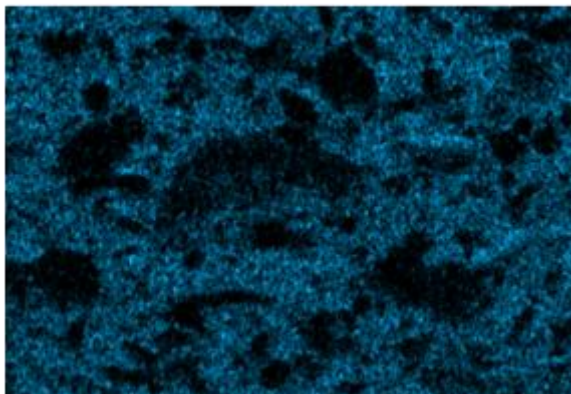
Na K α 1_2Fe K α 1P K α 1Ti K α 1

EDS Layered Image 5

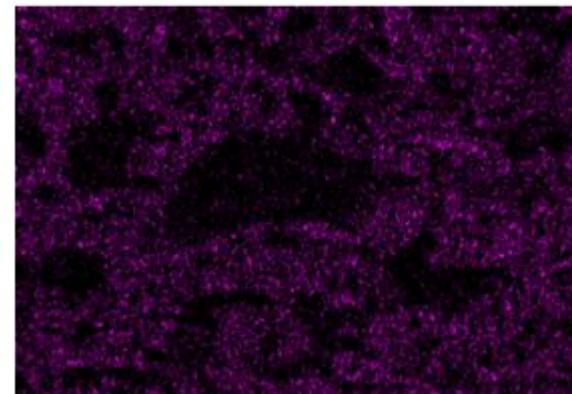


Si K α 1

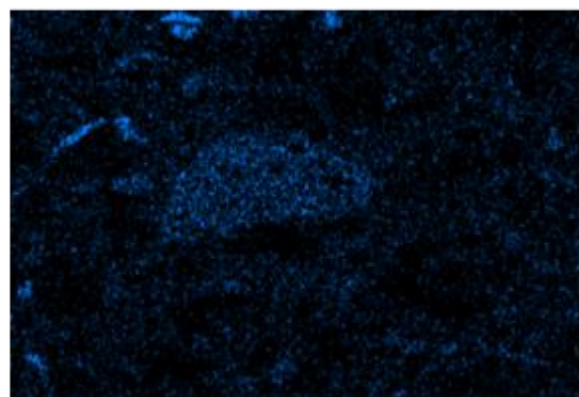
50μm

Al K α 1

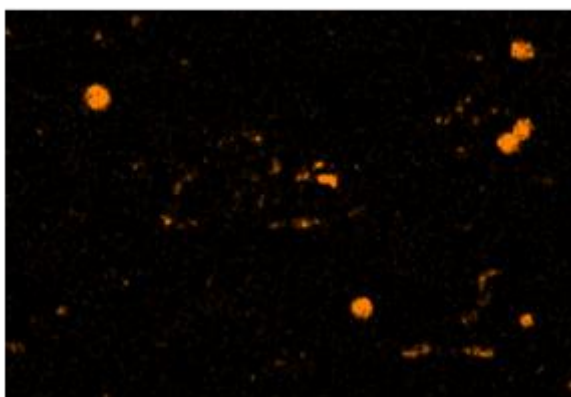
50μm

K K α 1

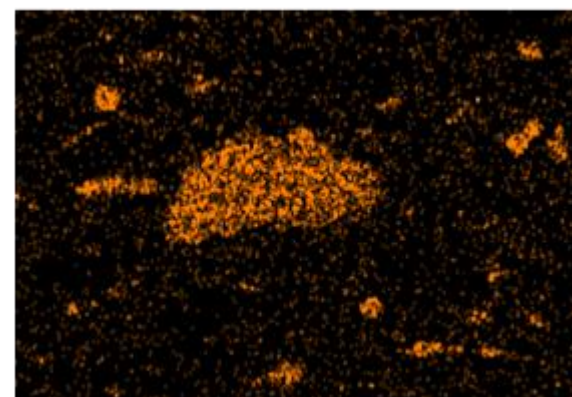
50μm

Mg K α 1_2

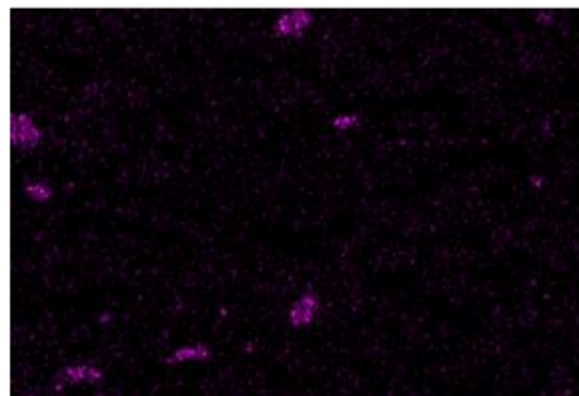
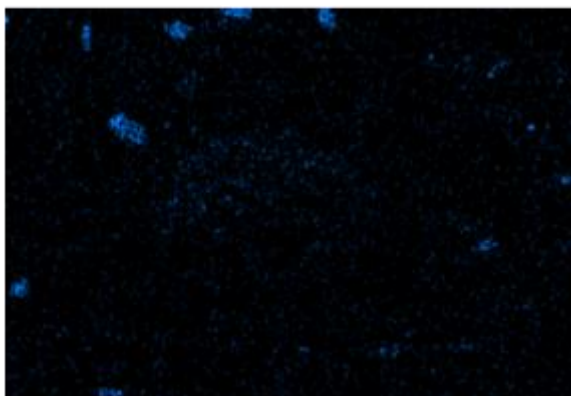
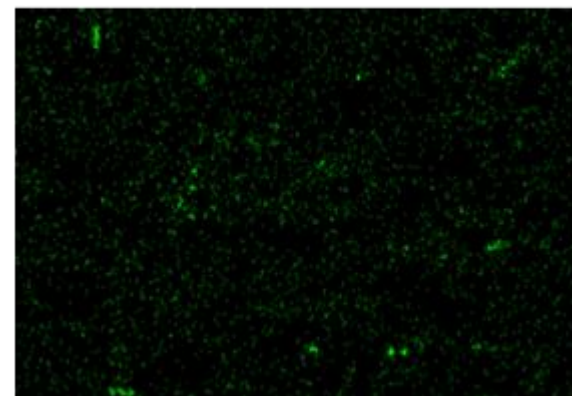
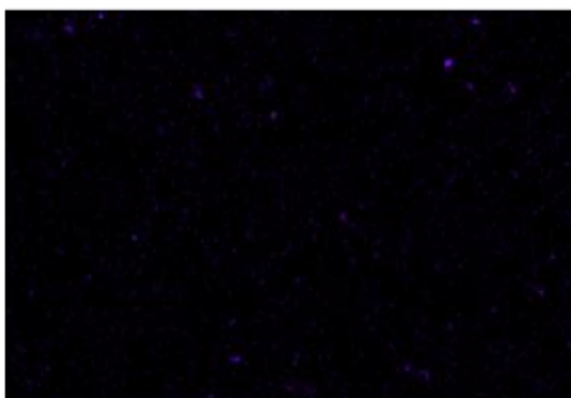
50μm

S K α 1

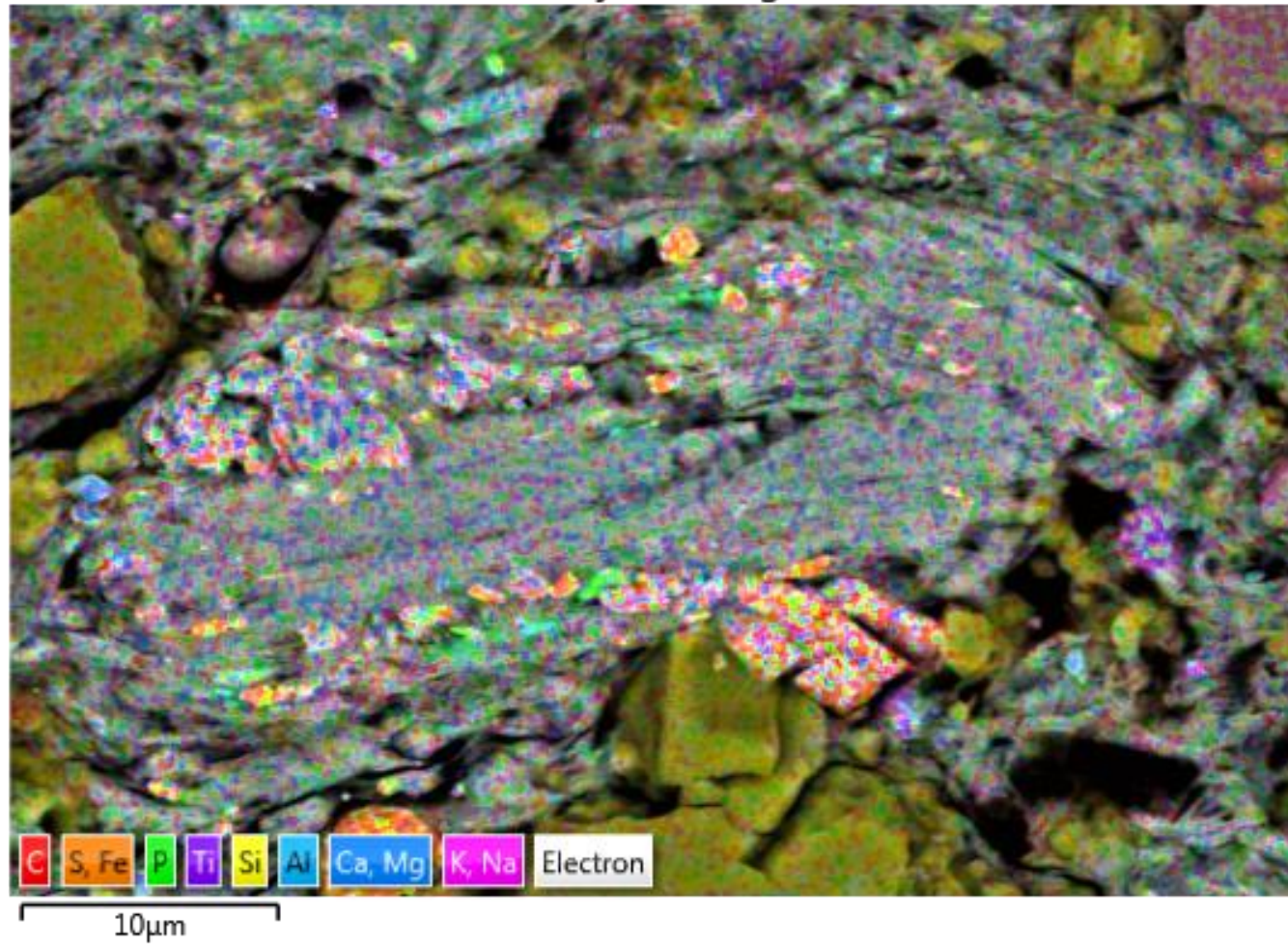
50μm

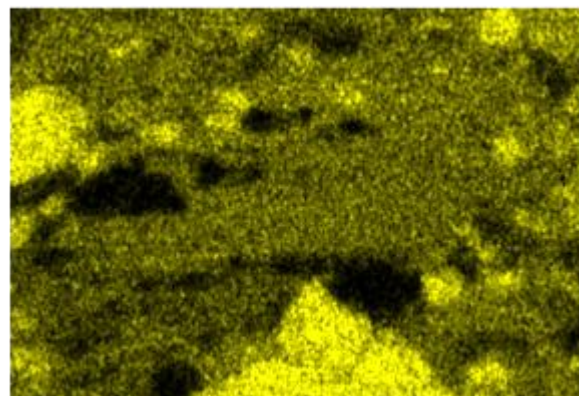
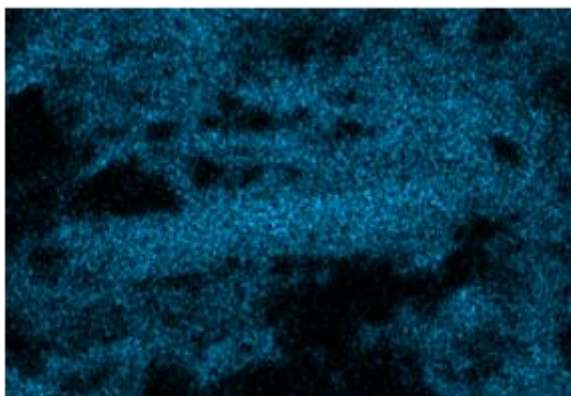
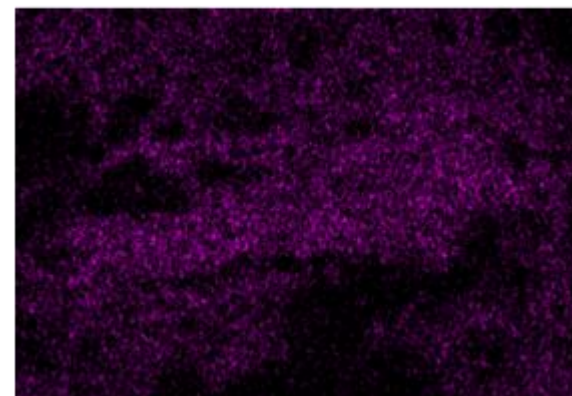
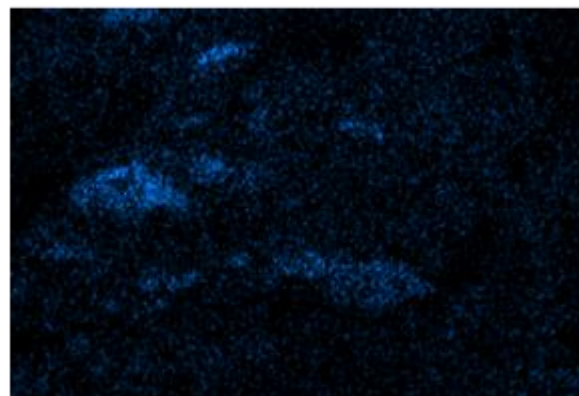
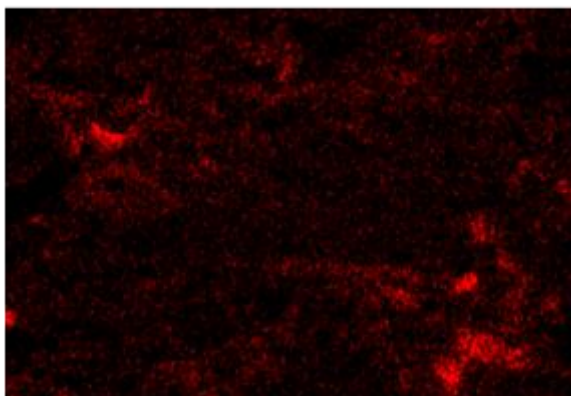
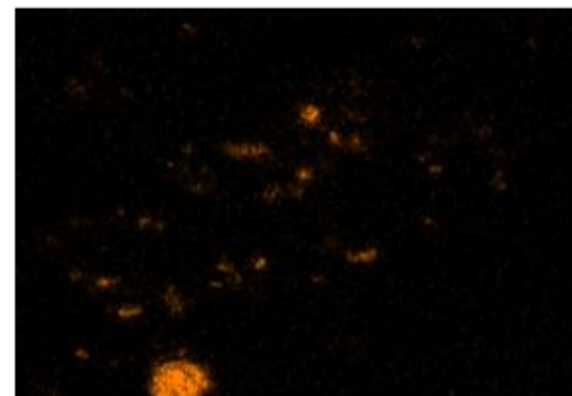
Fe K α 1

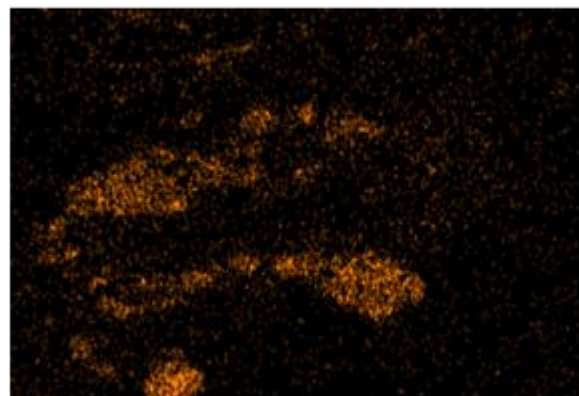
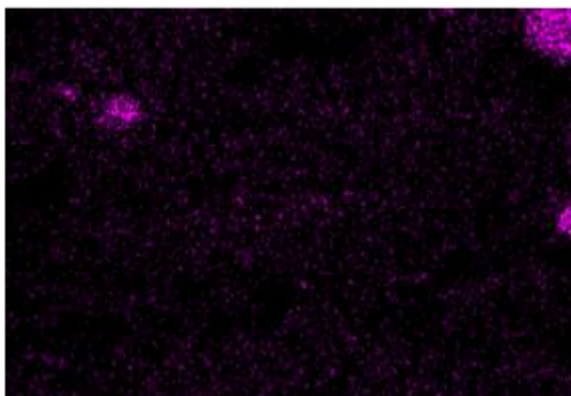
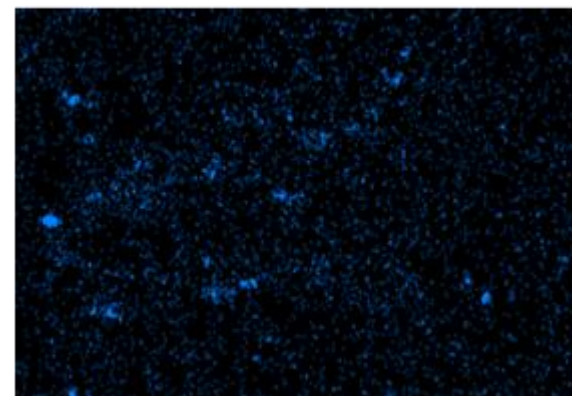
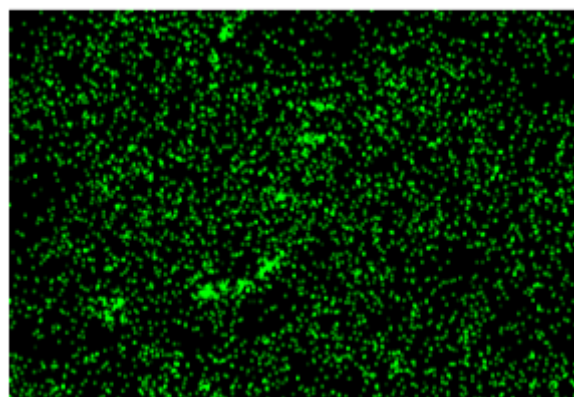
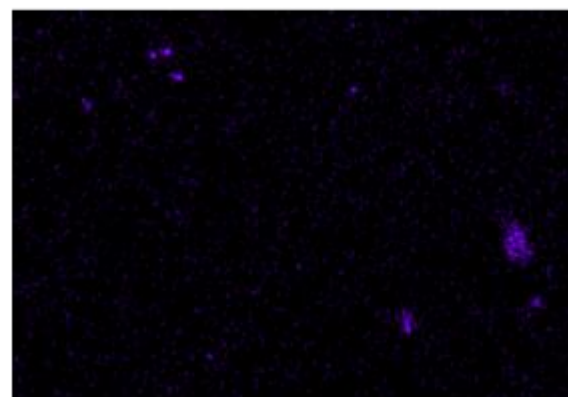
50μm

Na K α 1_250 μ mCa K α 150 μ mP K α 150 μ mTi K α 150 μ m

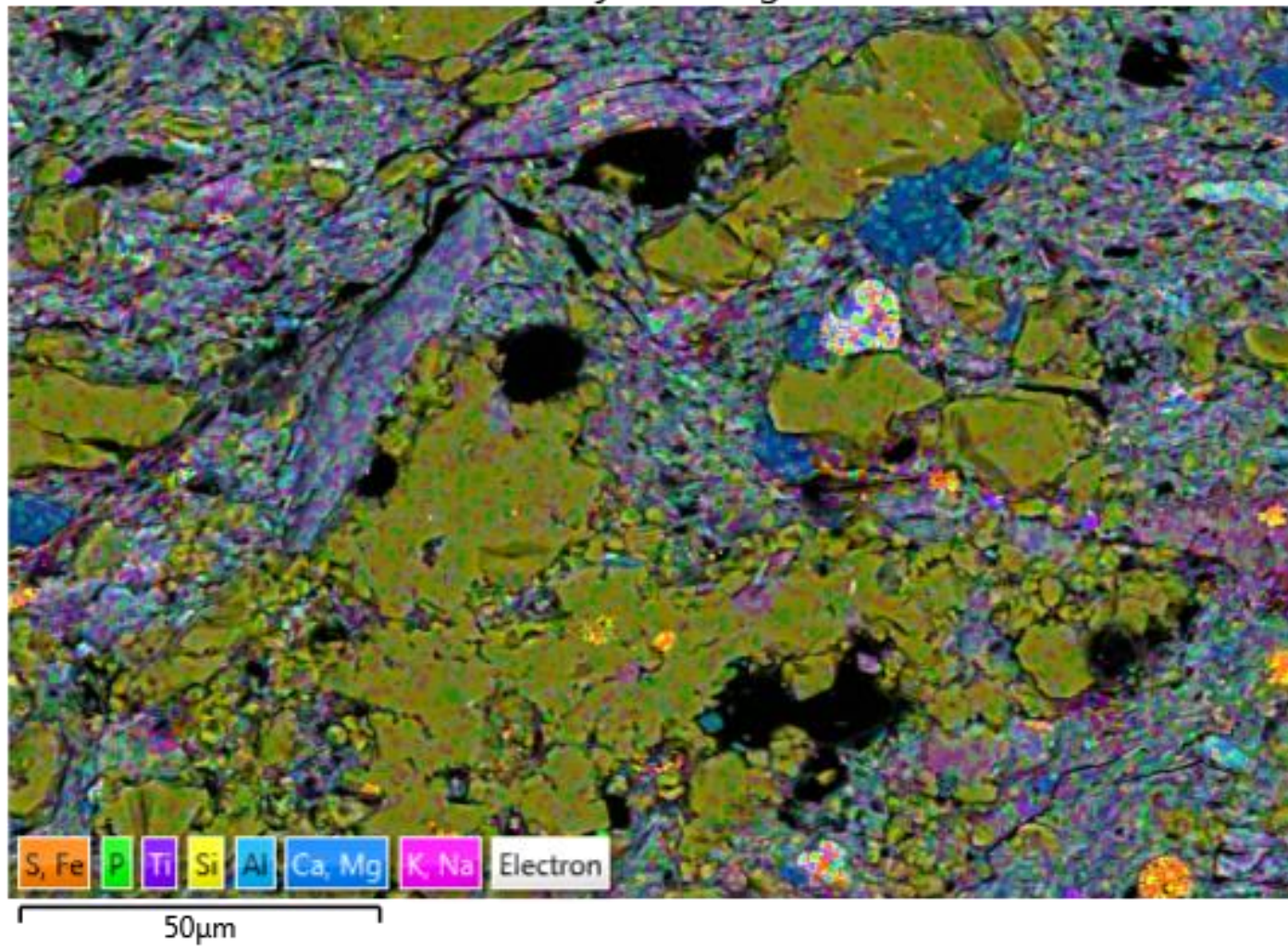
EDS Layered Image 6

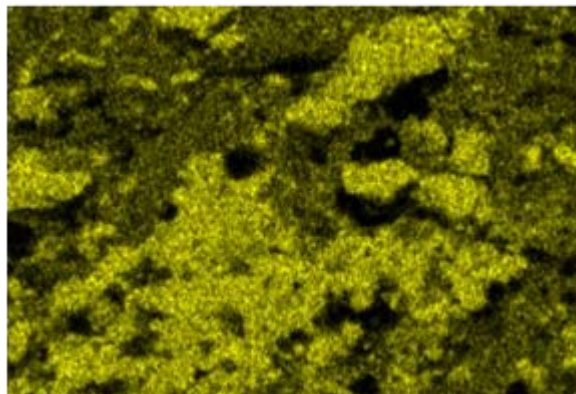


Si K α 110 μ mAl K α 110 μ mK K α 110 μ mMg K α 1_210 μ mC K α 1_210 μ mS K α 110 μ m

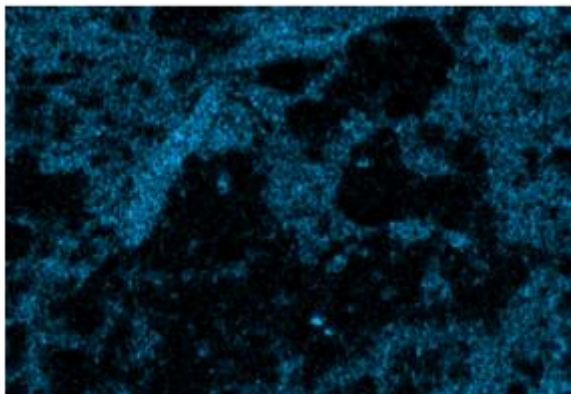
Fe K α 1Na K α 1_2Ca K α 1P K α 1Ti K α 1

EDS Layered Image 7

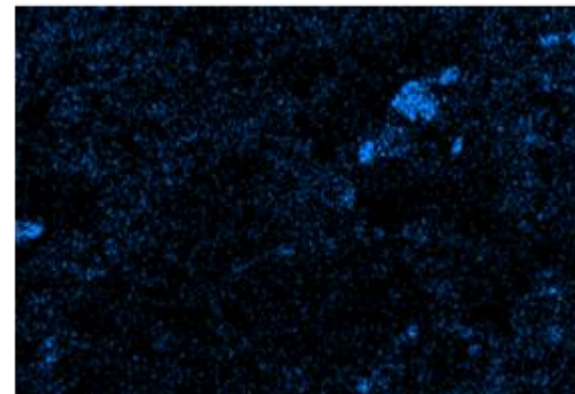


Si K α 1

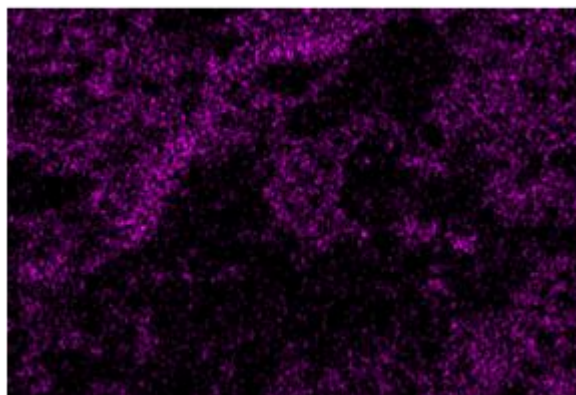
50μm

Al K α 1

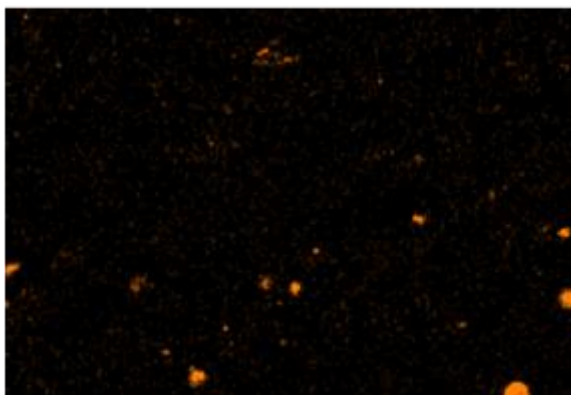
50μm

Mg K α 1_2

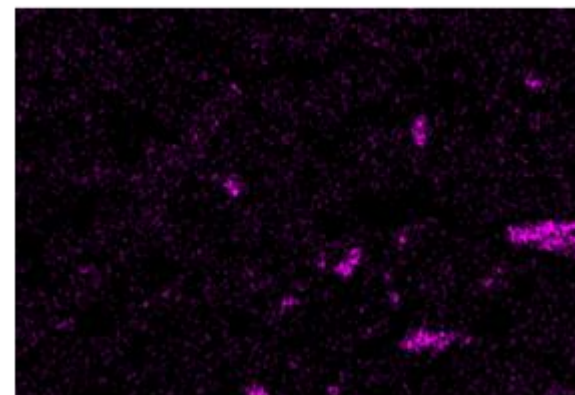
50μm

K K α 1

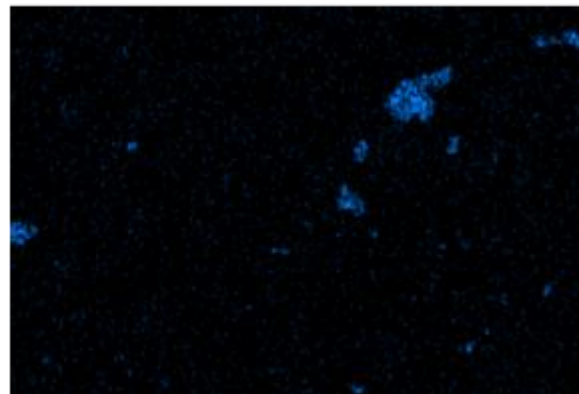
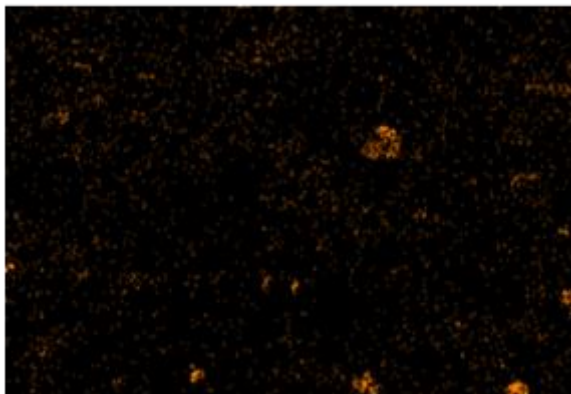
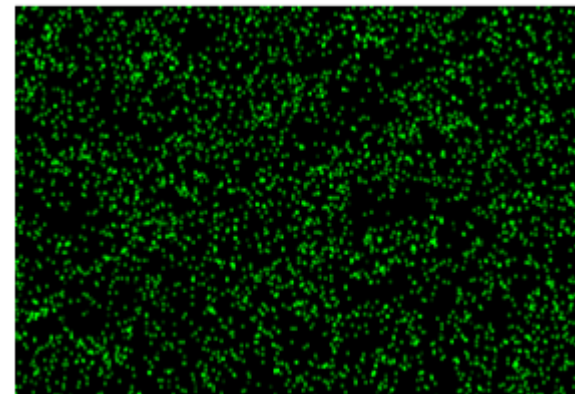
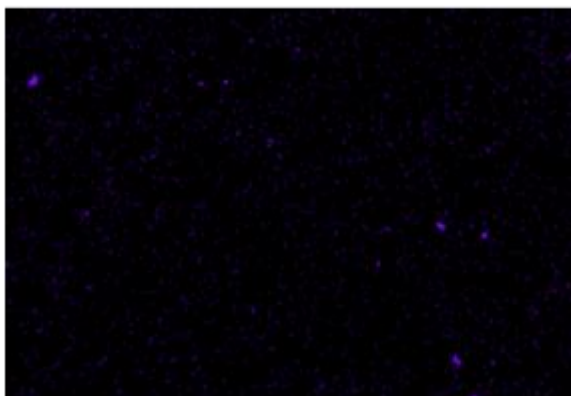
50μm

S K α 1

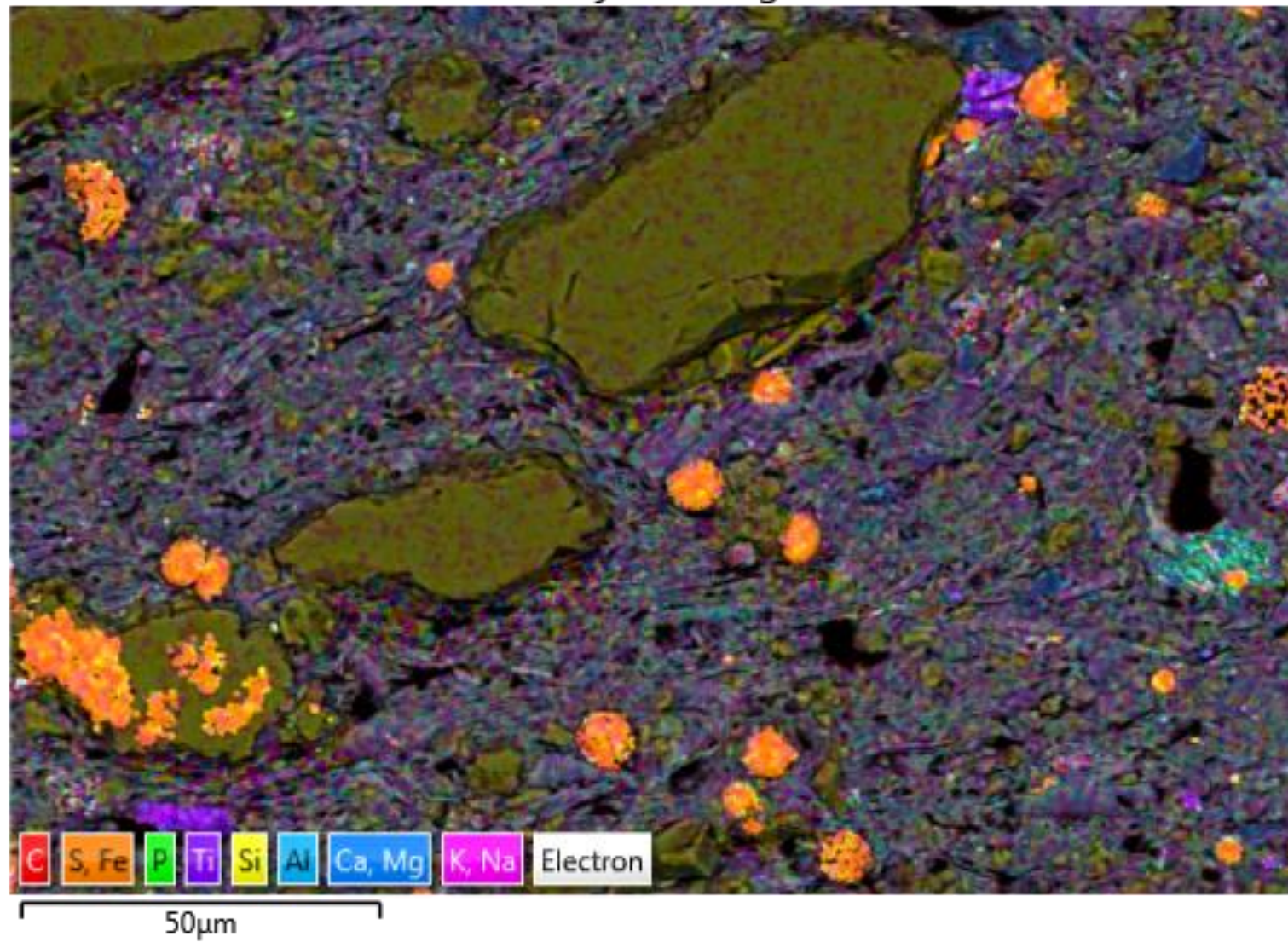
50μm

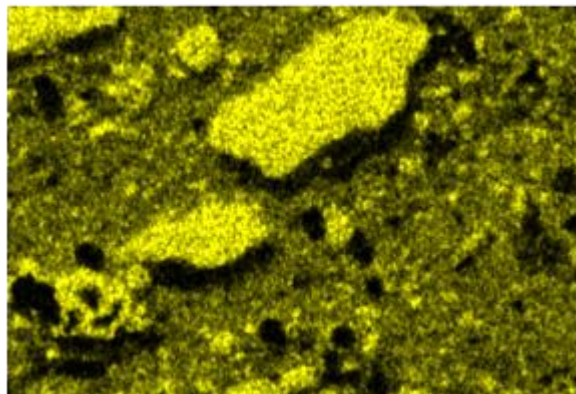
Na K α 1_2

50μm

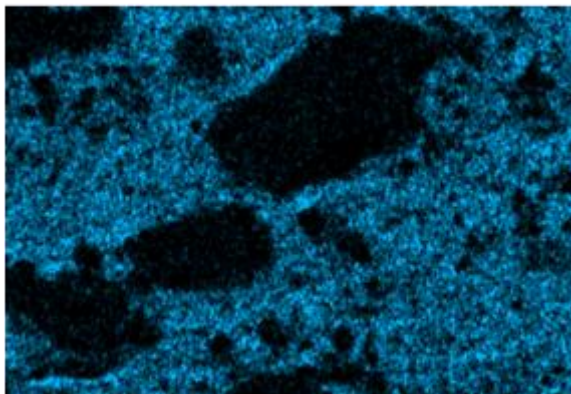
Ca K α 150 μ mFe K α 150 μ mP K α 150 μ mTi K α 150 μ m

EDS Layered Image 1

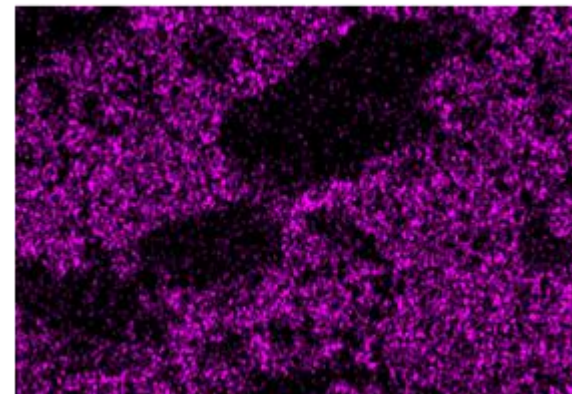


Si K α 1

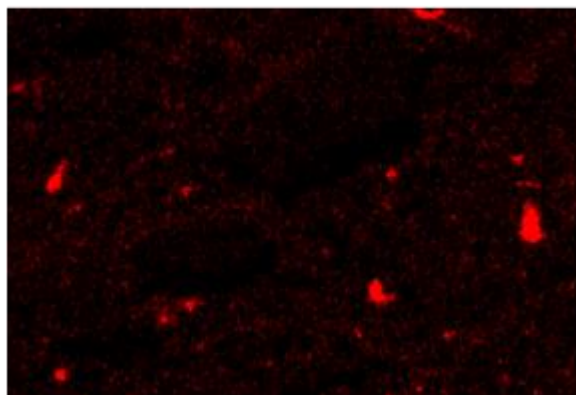
50μm

Al K α 1

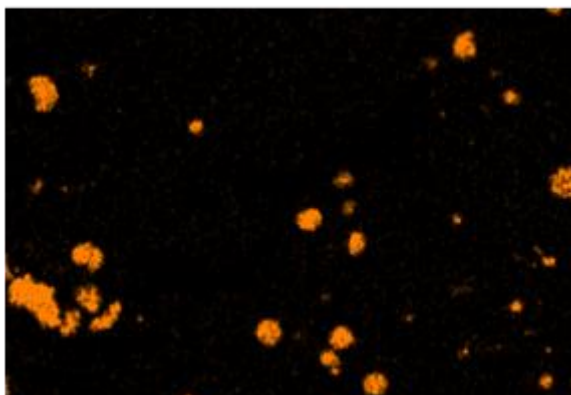
50μm

K K α 1

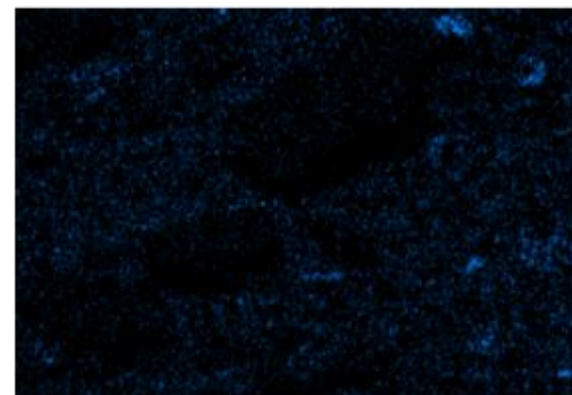
50μm

C K α 1_2

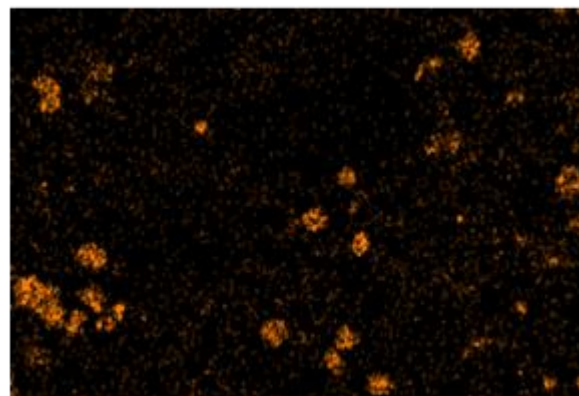
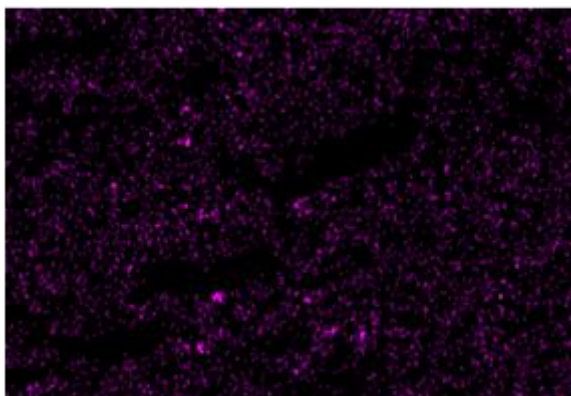
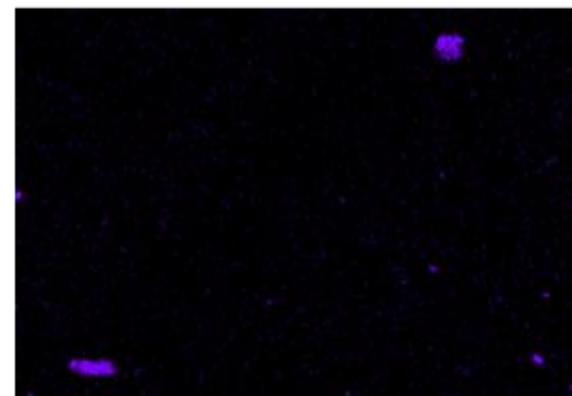
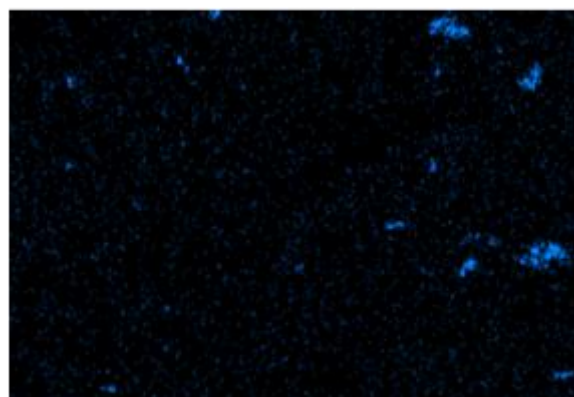
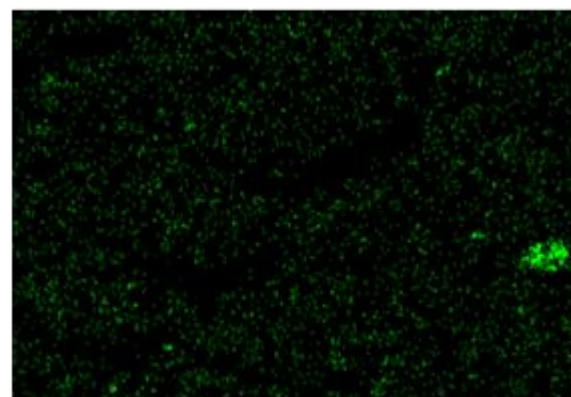
50μm

S K α 1

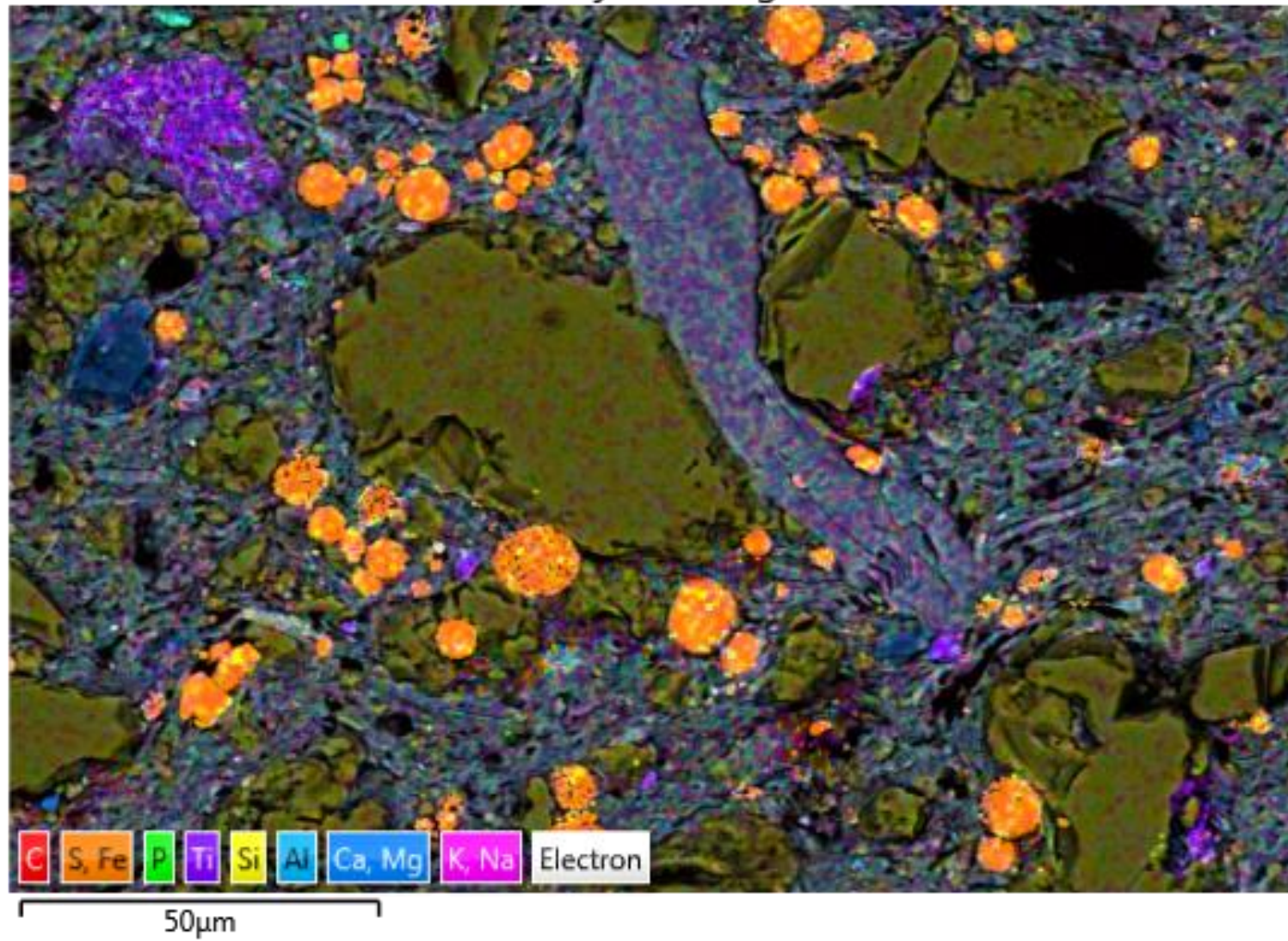
50μm

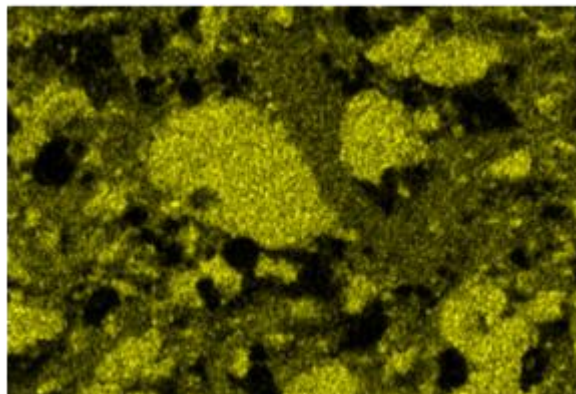
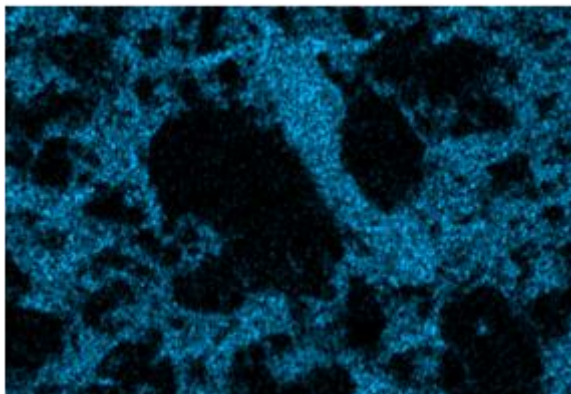
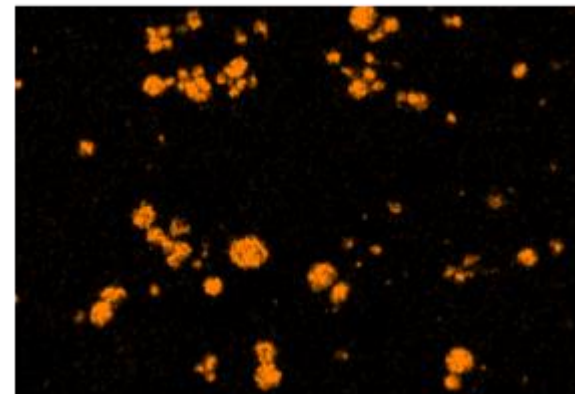
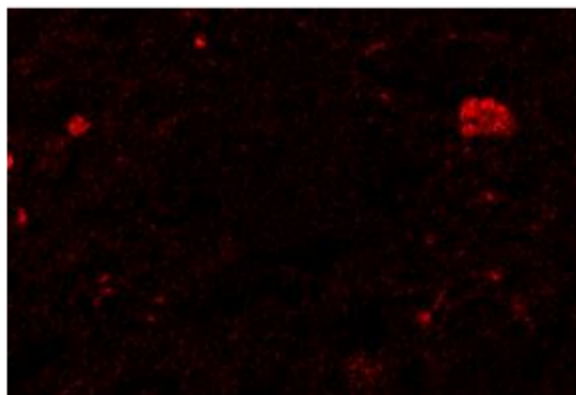
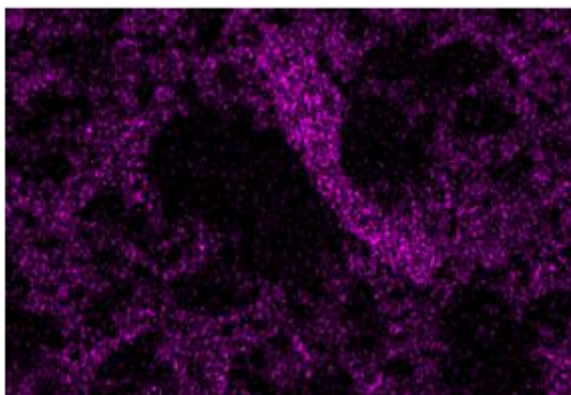
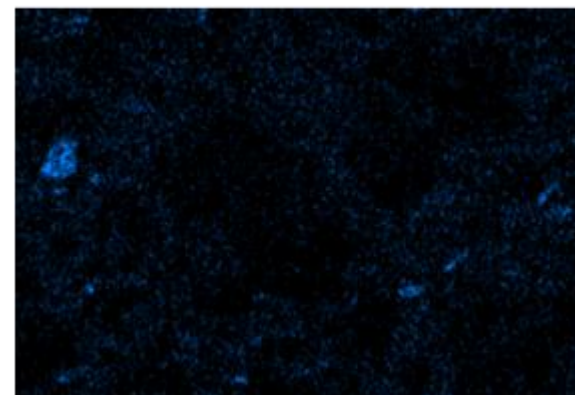
Mg K α 1_2

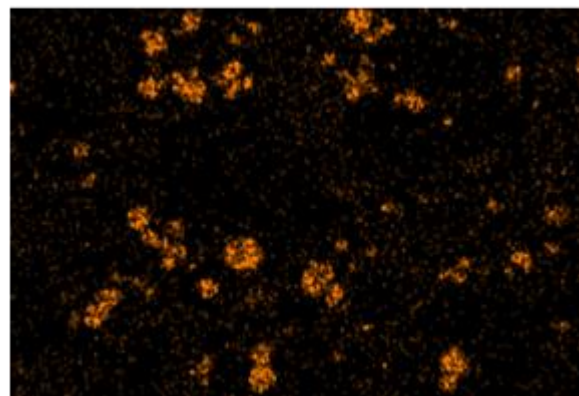
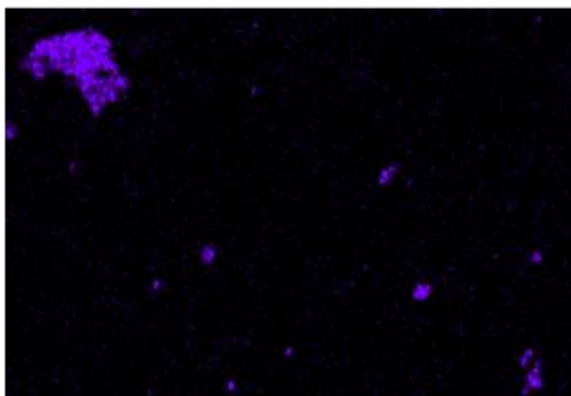
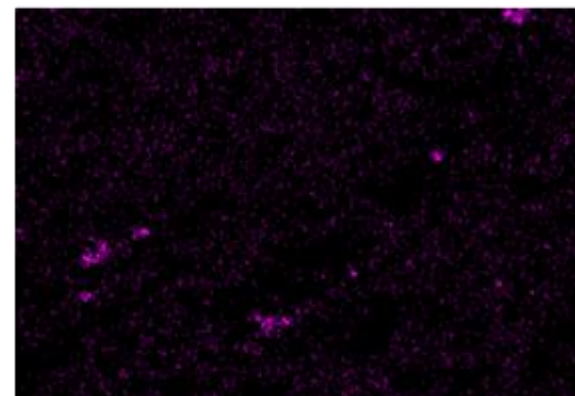
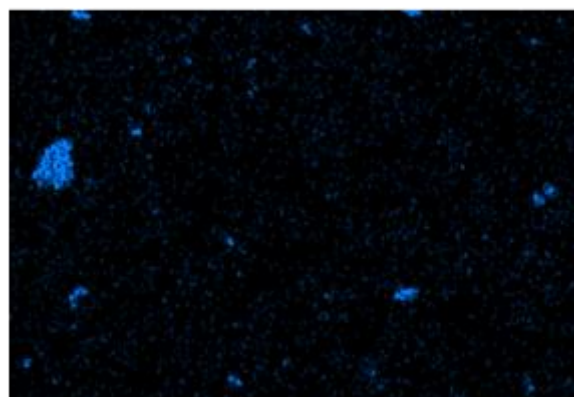
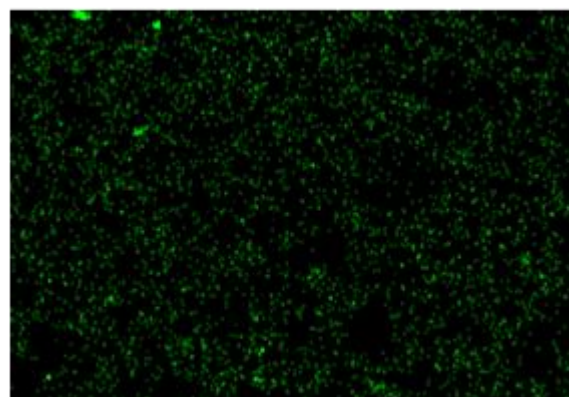
50μm

Fe K α 150 μ mNa K α 1_250 μ mTi K α 150 μ mCa K α 150 μ mP K α 150 μ m

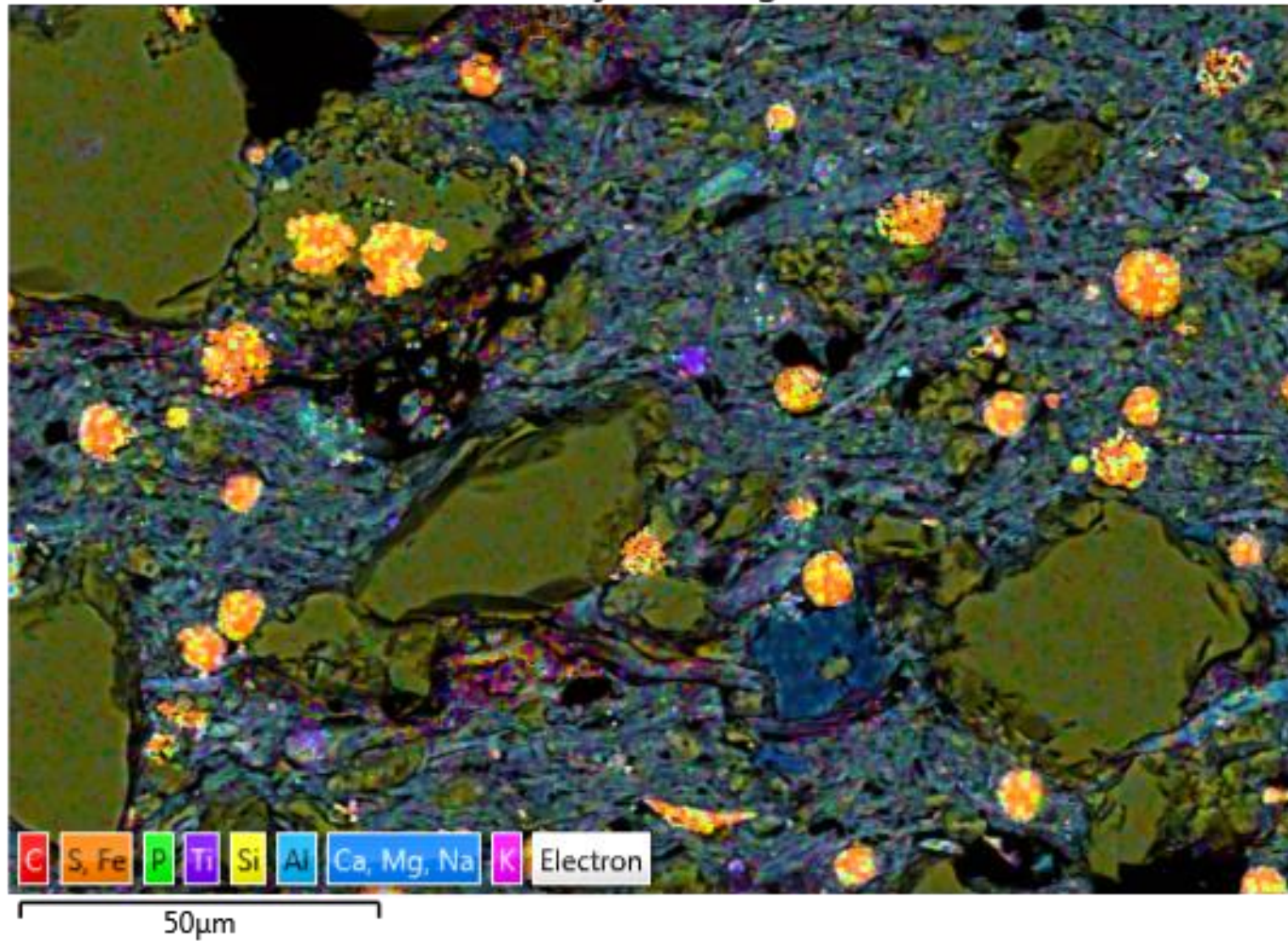
EDS Layered Image 2

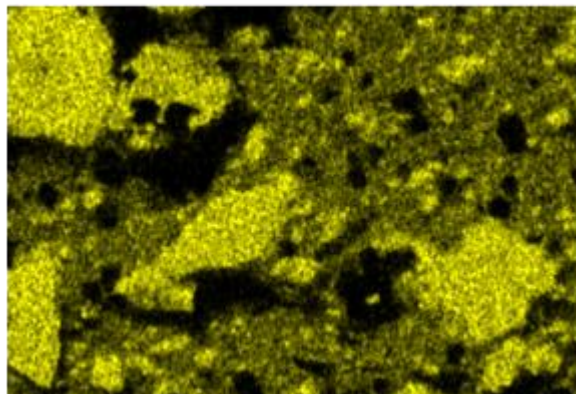


Si K α 150 μ mAl K α 150 μ mS K α 150 μ mC K α 1_250 μ mK K α 150 μ mMg K α 1_250 μ m

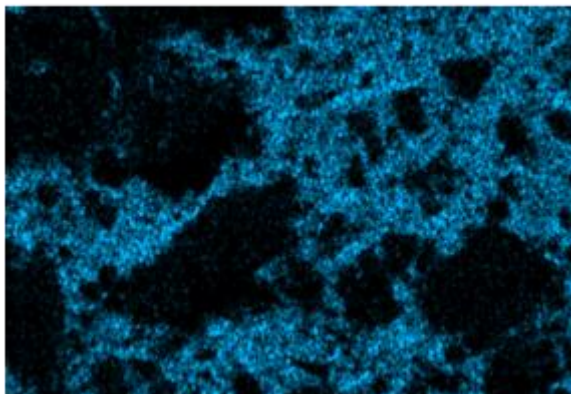
Fe K α 150 μ mTi K α 150 μ mNa K α 1_250 μ mCa K α 150 μ mP K α 150 μ m

EDS Layered Image 3

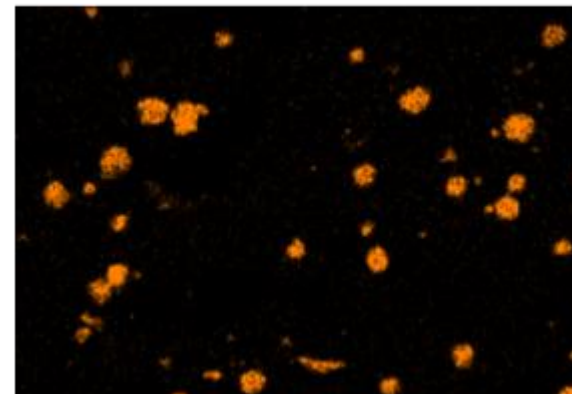


Si K α 1

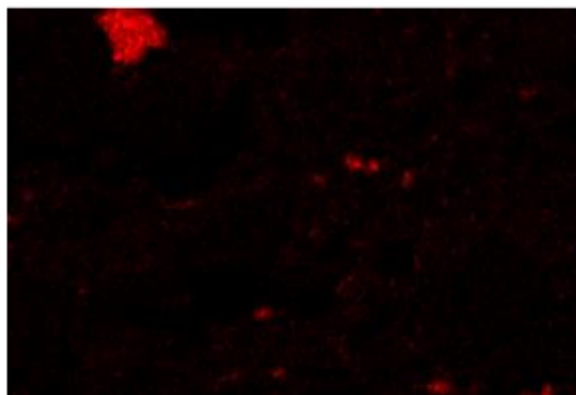
50μm

Al K α 1

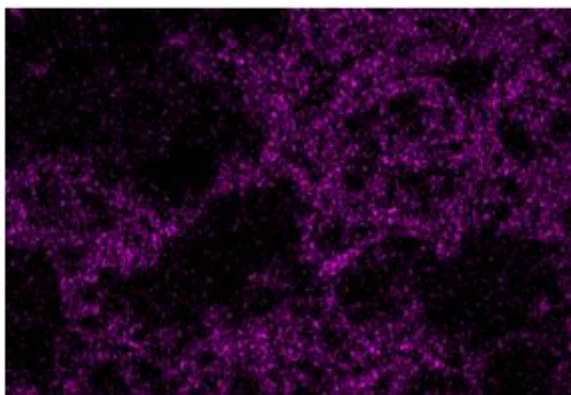
50μm

S K α 1

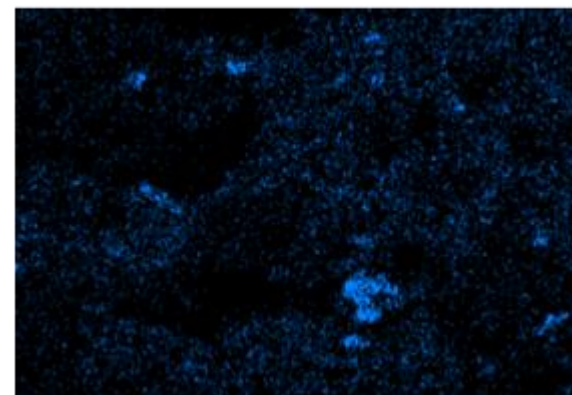
50μm

C K α 1_2

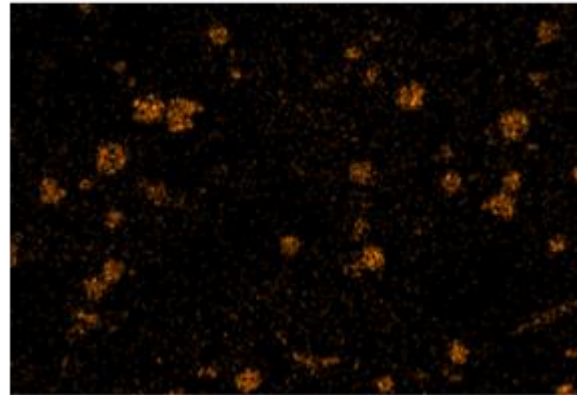
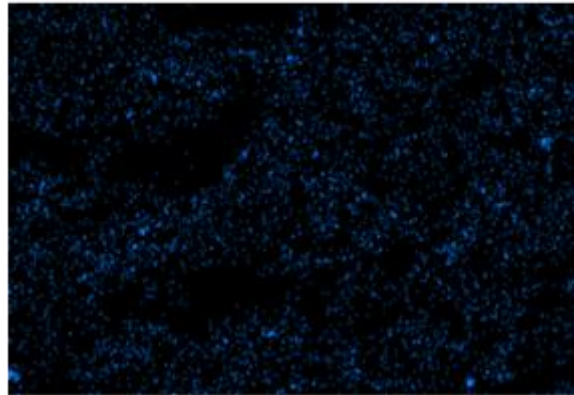
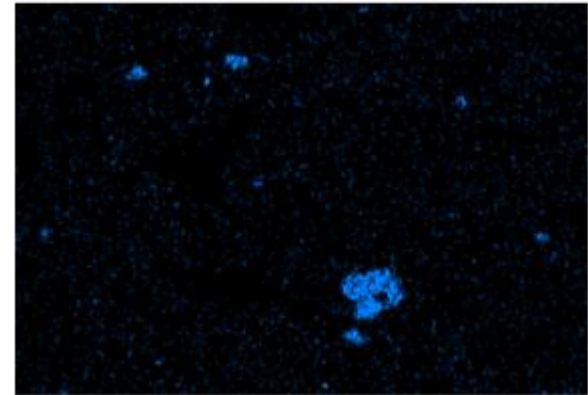
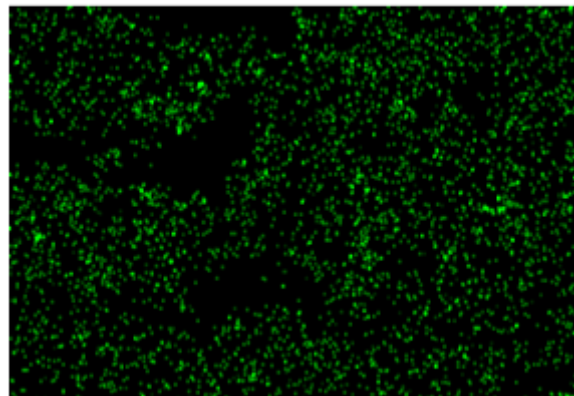
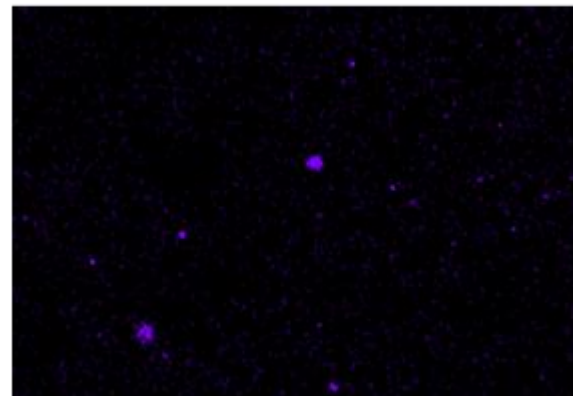
50μm

K K α 1

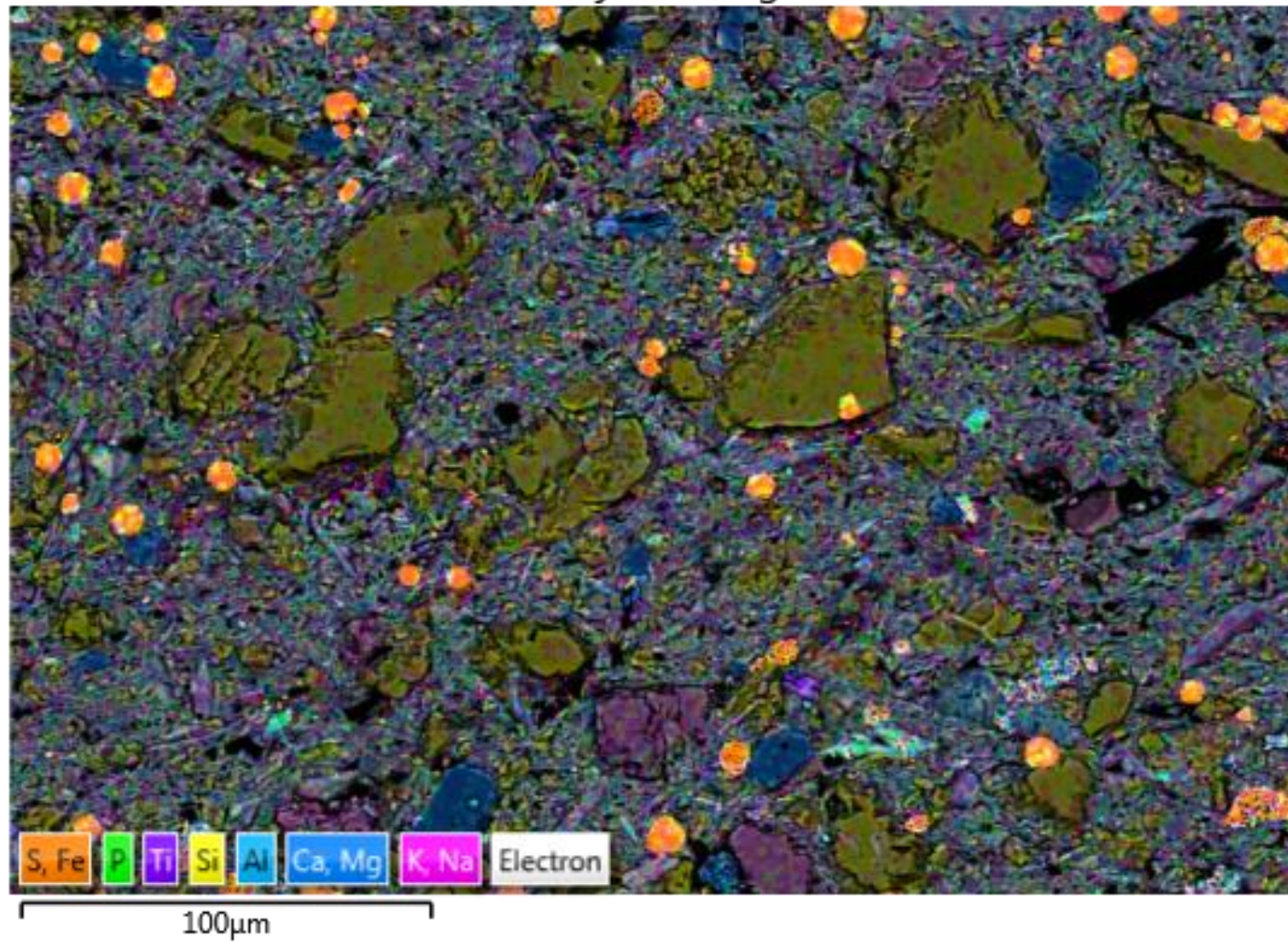
50μm

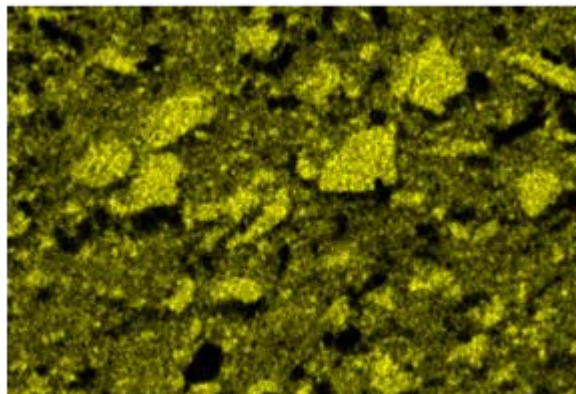
Mg K α 1_2

50μm

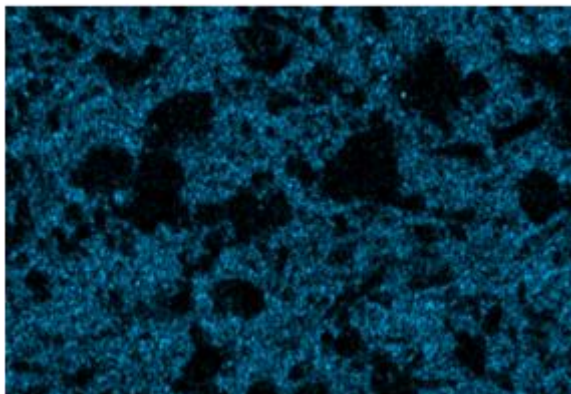
Fe K α 150 μ mNa K α 1_250 μ mCa K α 150 μ mP K α 150 μ mTi K α 150 μ m

EDS Layered Image 4

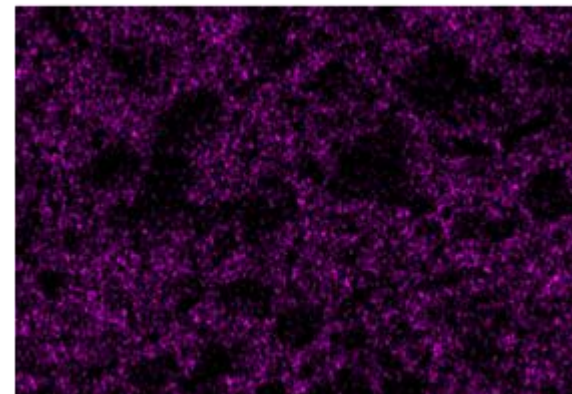


Si K α 1

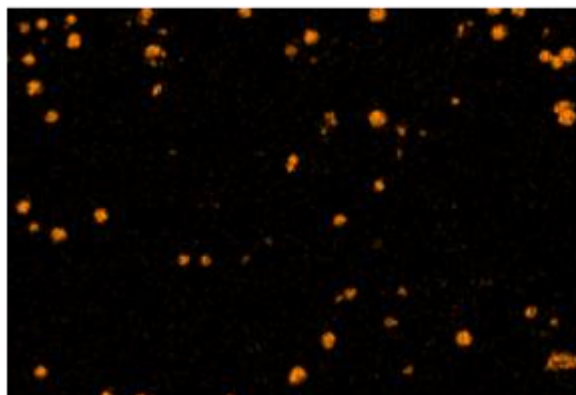
100μm

Al K α 1

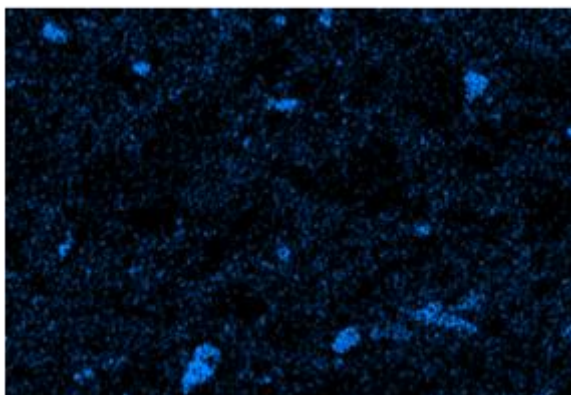
100μm

K K α 1

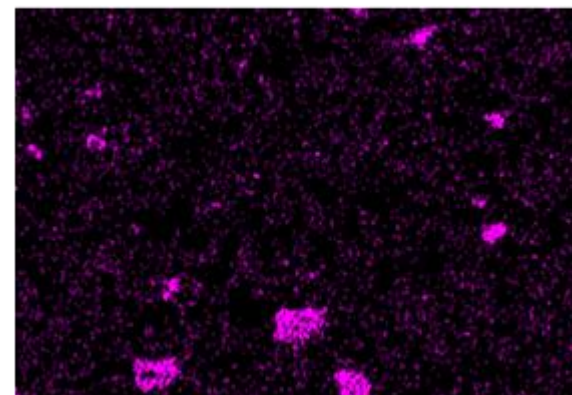
100μm

S K α 1

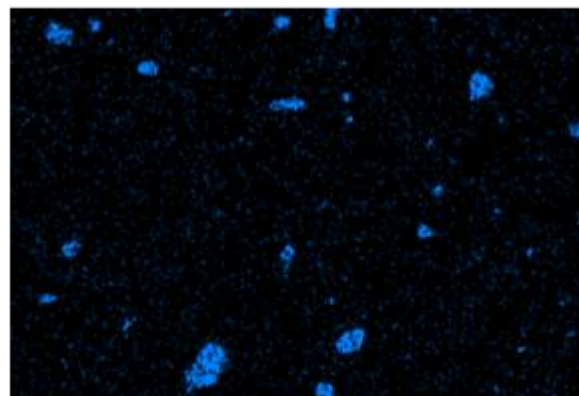
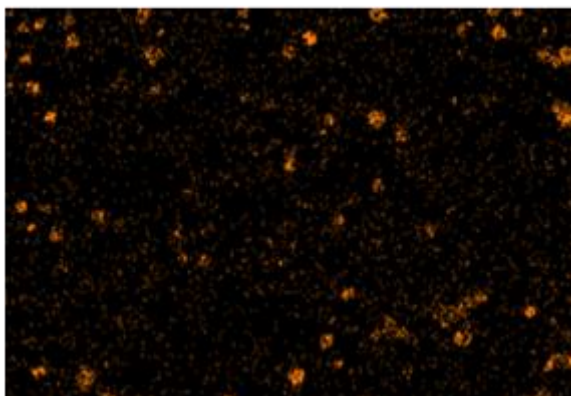
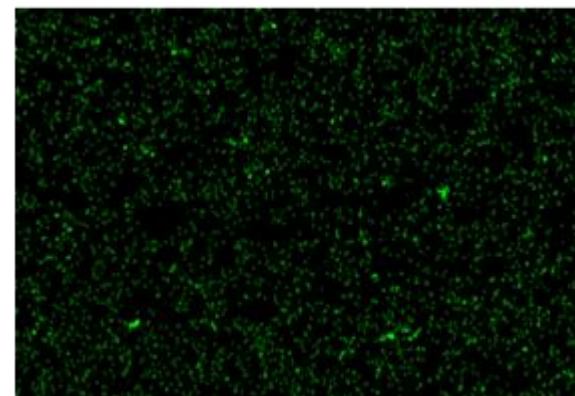
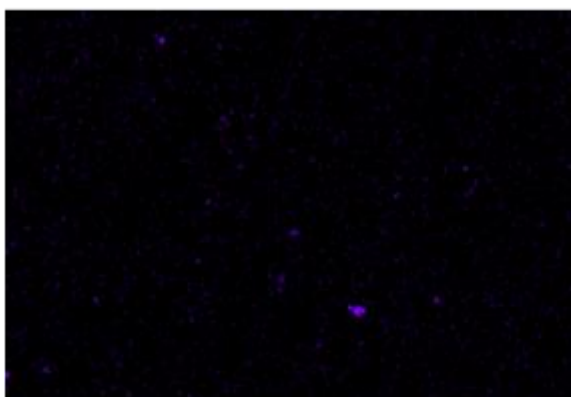
100μm

Mg K α 1_2

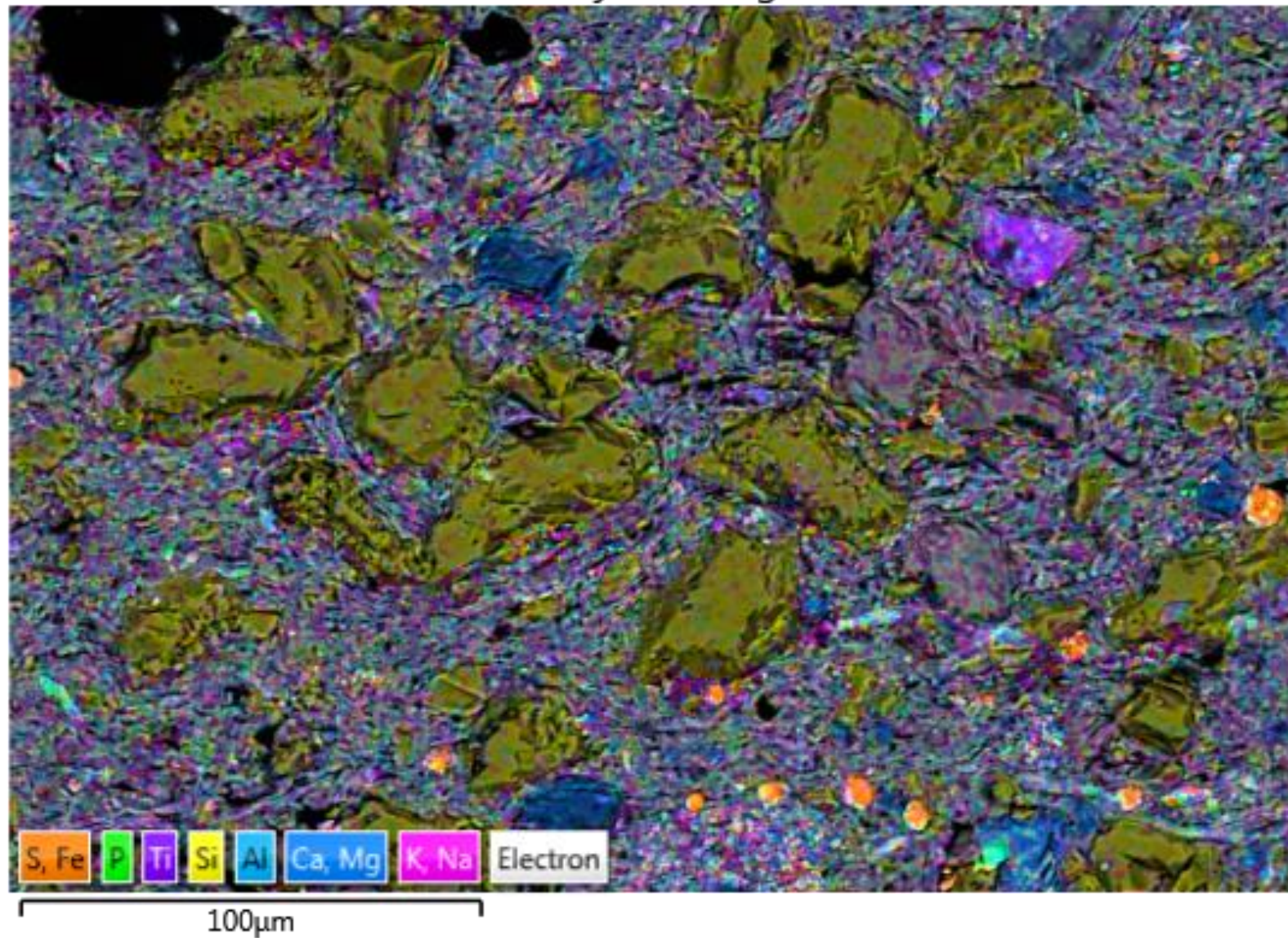
100μm

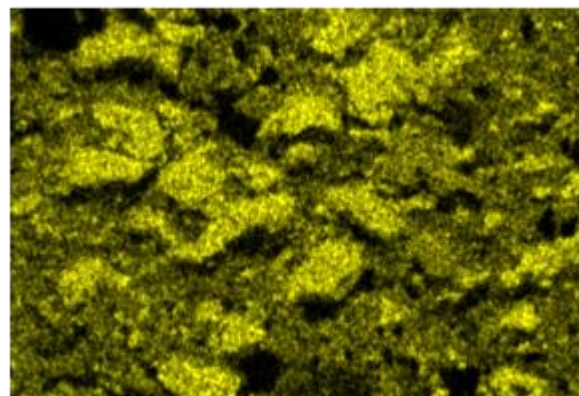
Na K α 1_2

100μm

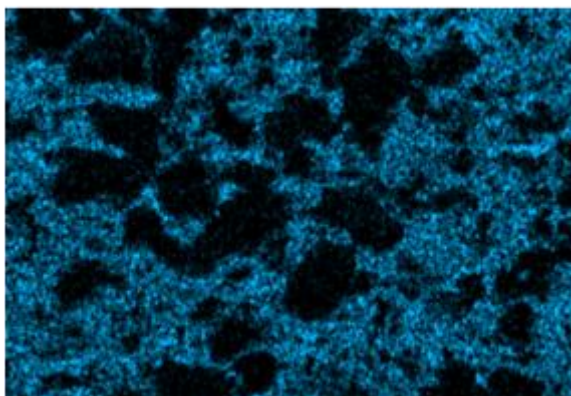
Ca K α 1100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 1

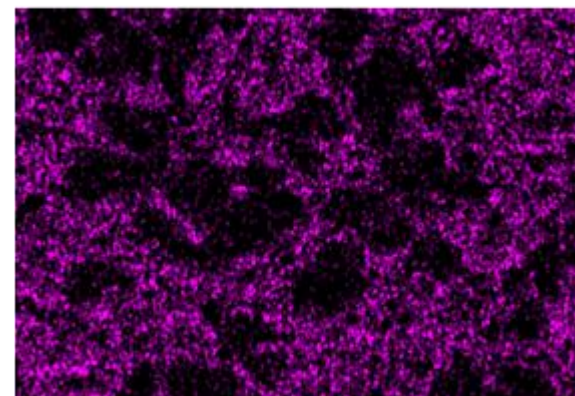


Si K α 1

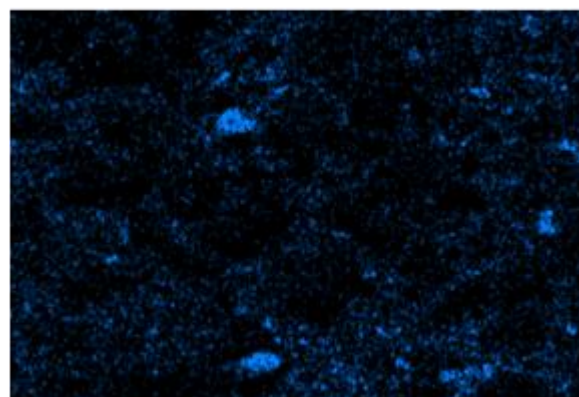
100μm

Al K α 1

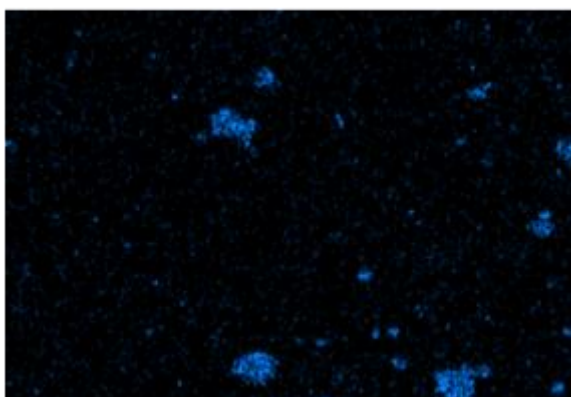
100μm

K K α 1

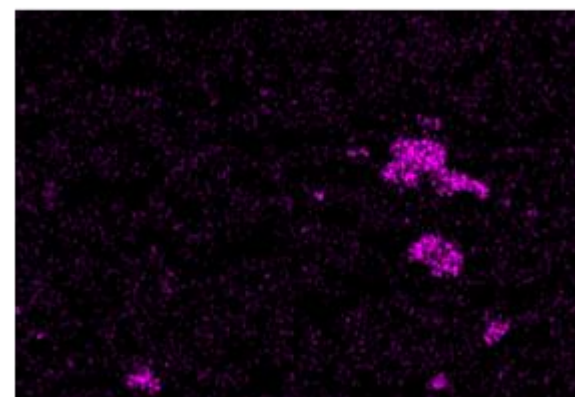
100μm

Mg K α 1_2

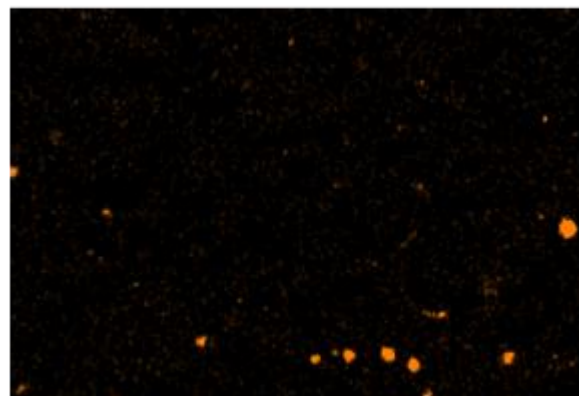
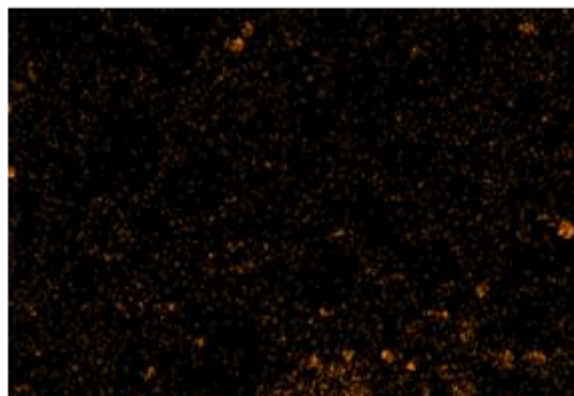
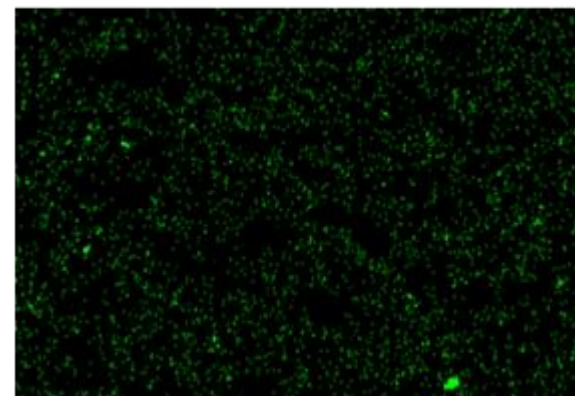
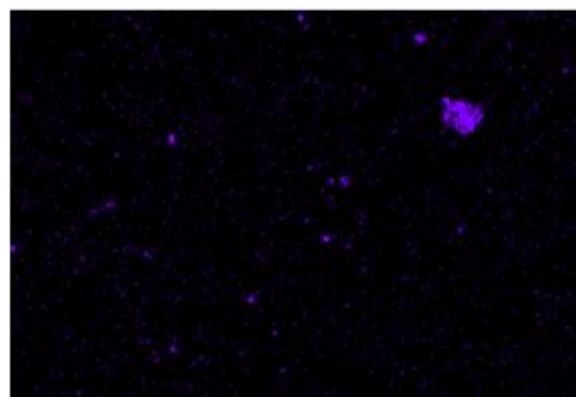
100μm

Ca K α 1

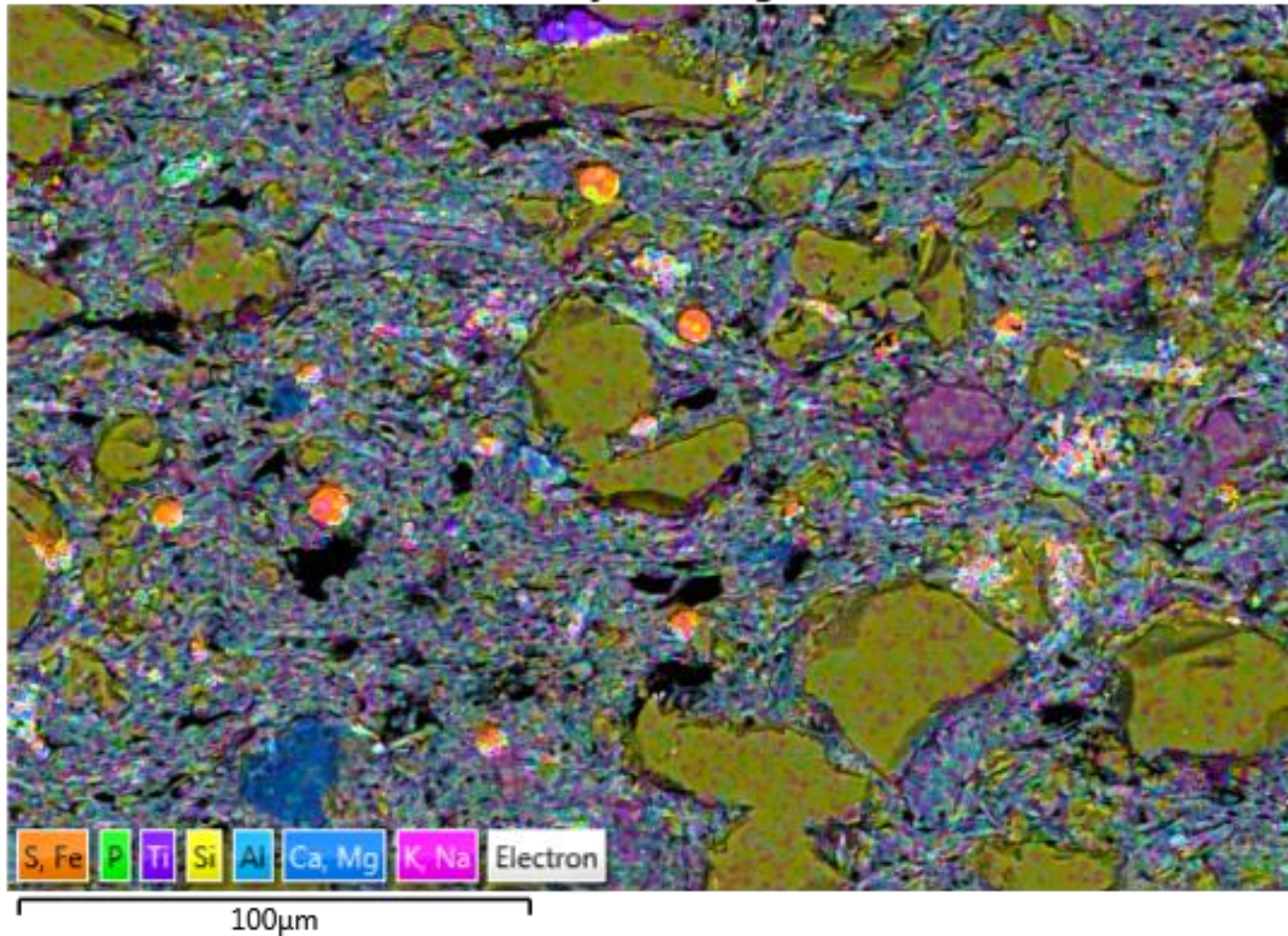
100μm

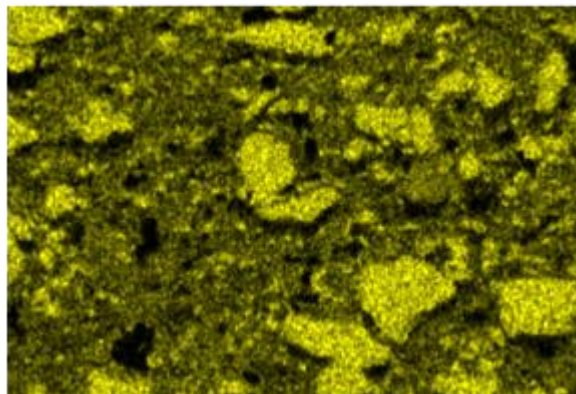
Na K α 1_2

100μm

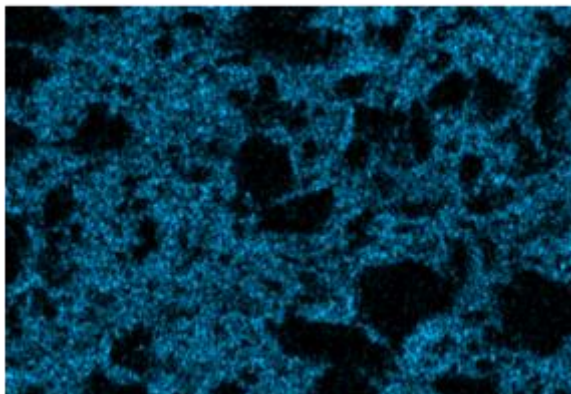
S K α 1Fe K α 1P K α 1Ti K α 1

EDS Layered Image 1

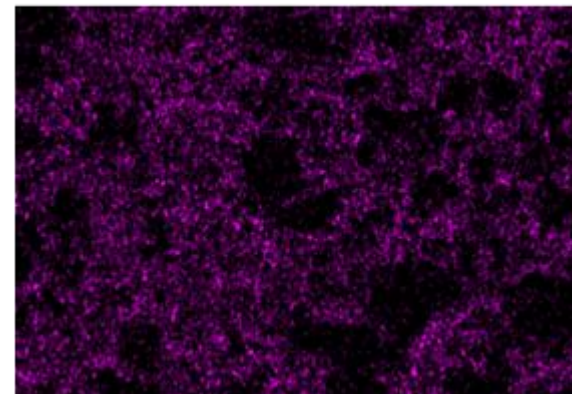


Si K α 1

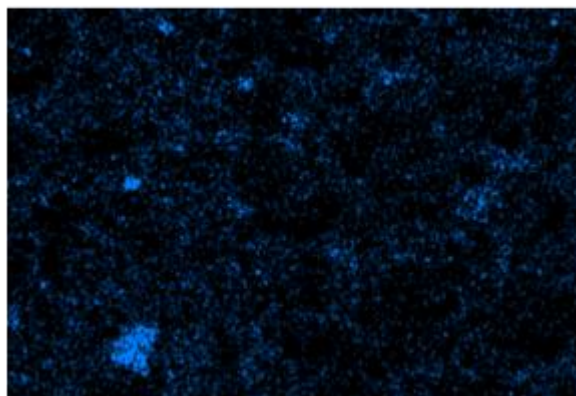
100μm

Al K α 1

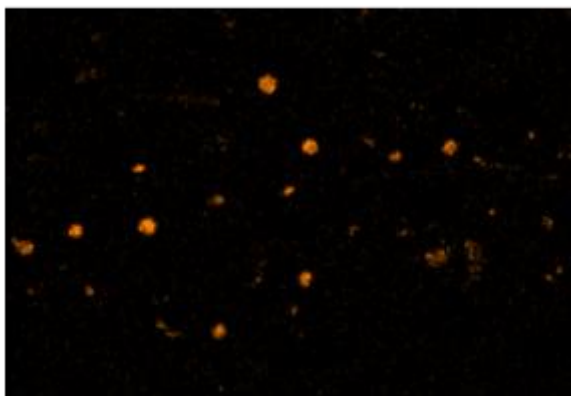
100μm

K K α 1

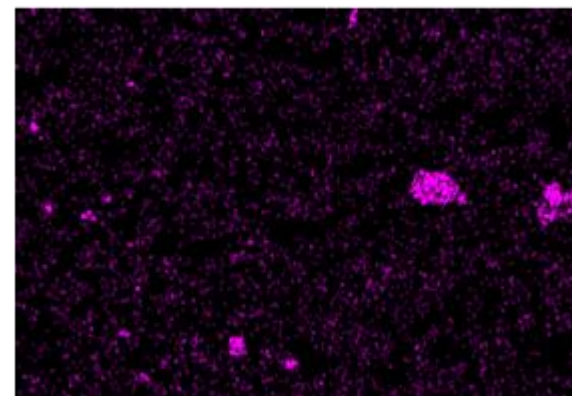
100μm

Mg K α 1_2

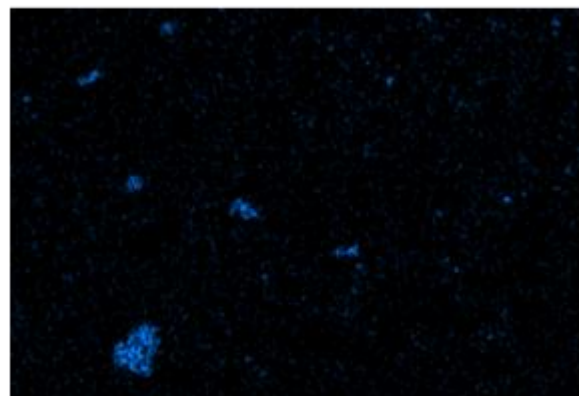
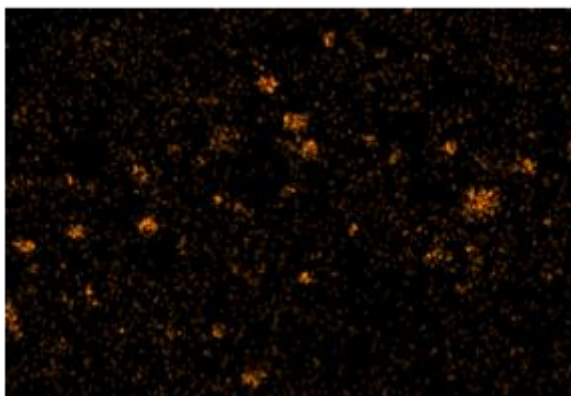
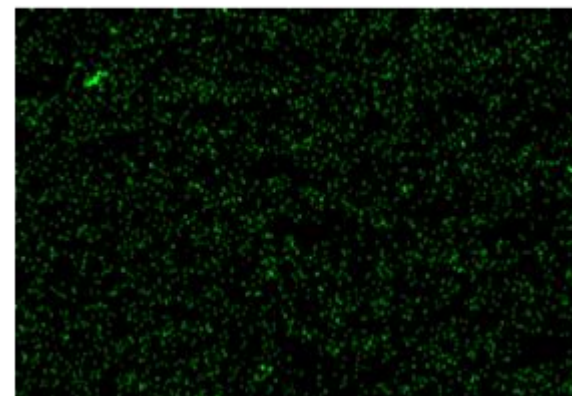
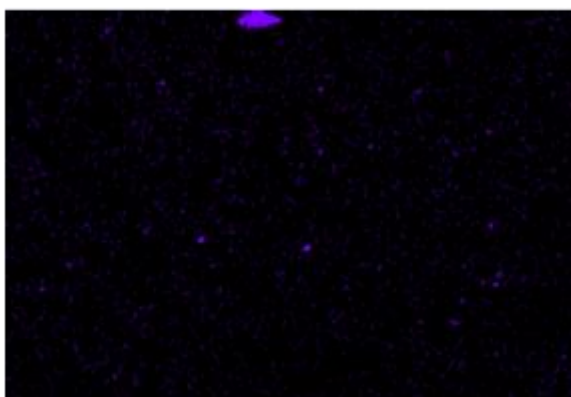
100μm

S K α 1

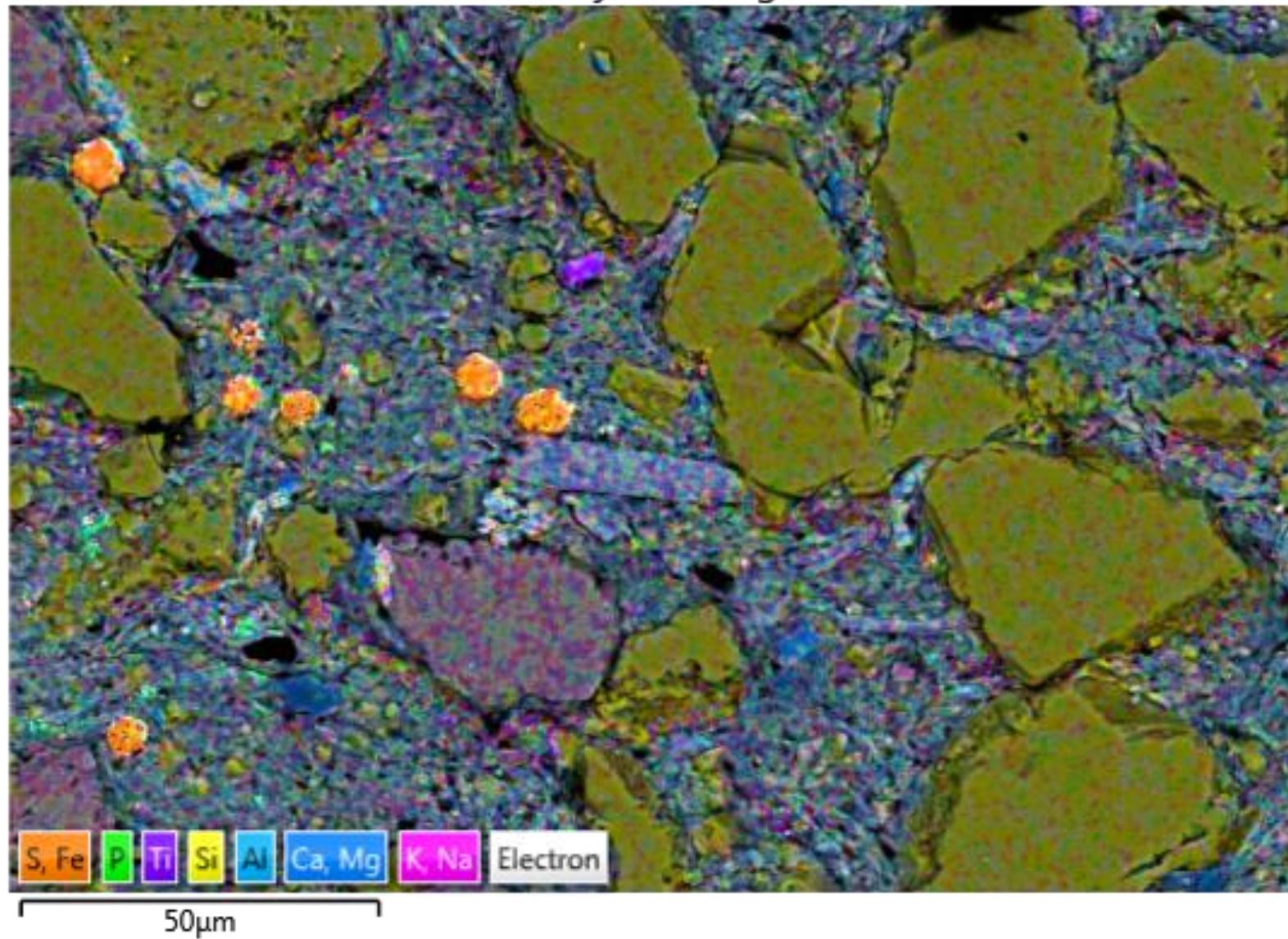
100μm

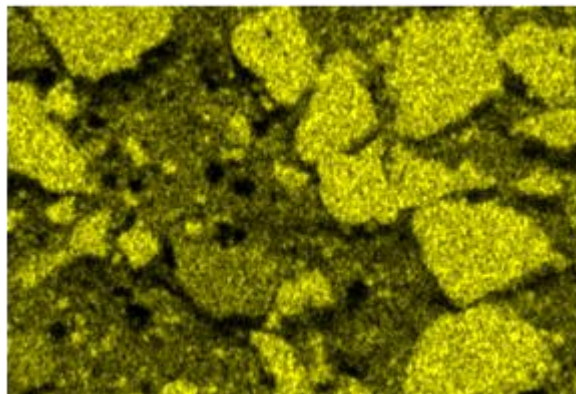
Na K α 1_2

100μm

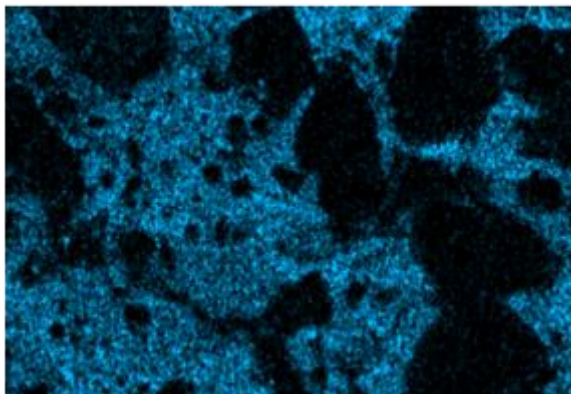
Ca K α 1100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 1

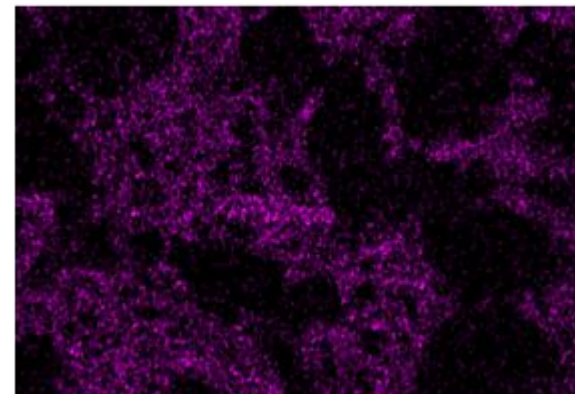


Si K α 1

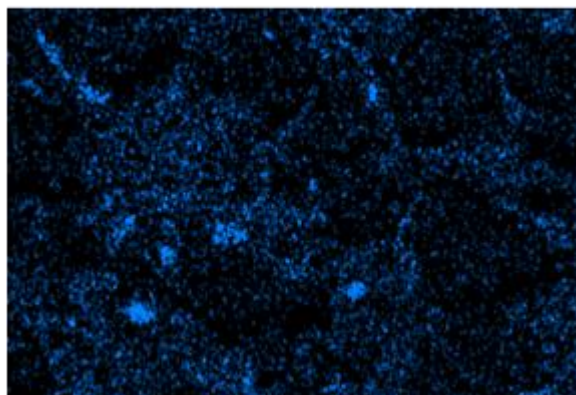
50μm

Al K α 1

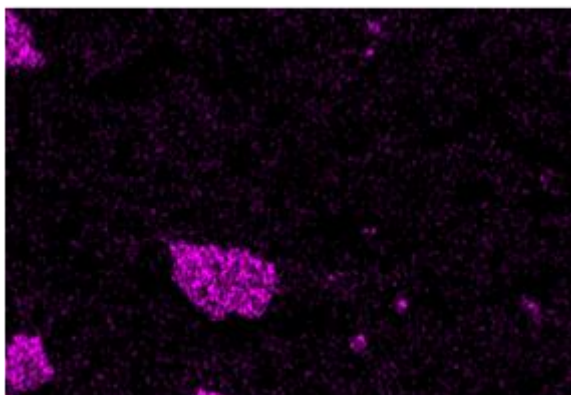
50μm

K K α 1

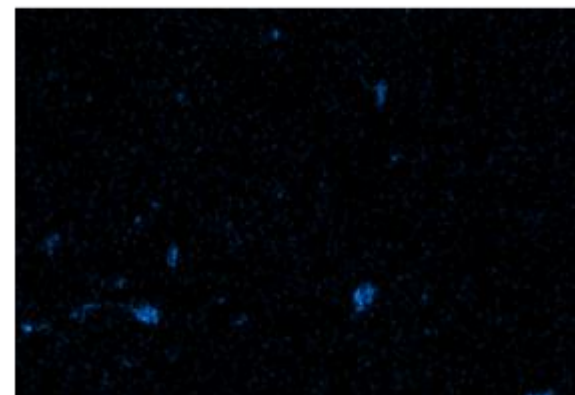
50μm

Mg K α 1_2

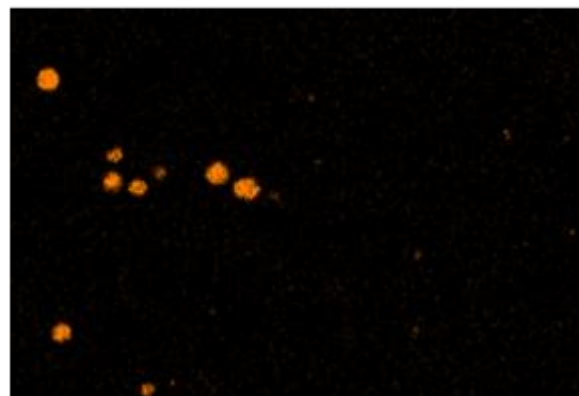
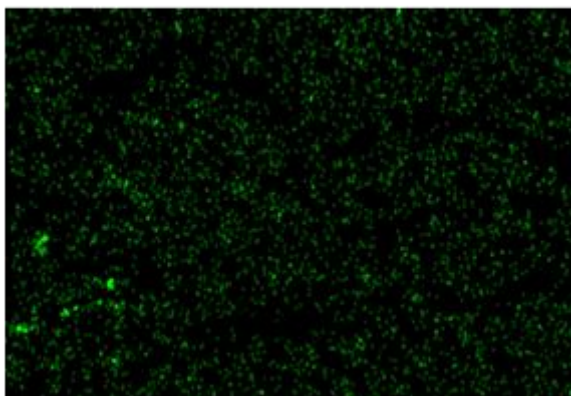
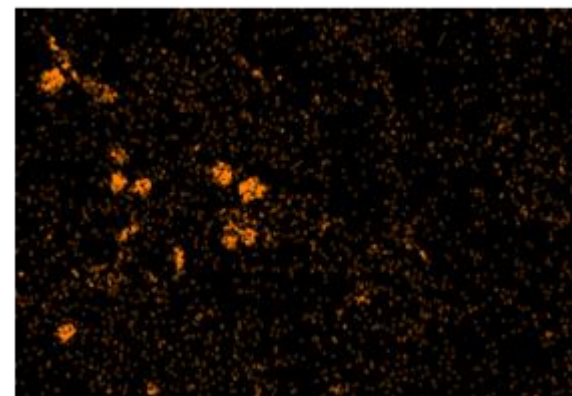
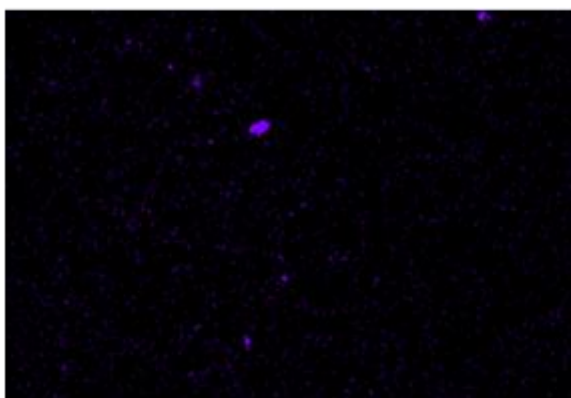
50μm

Na K α 1_2

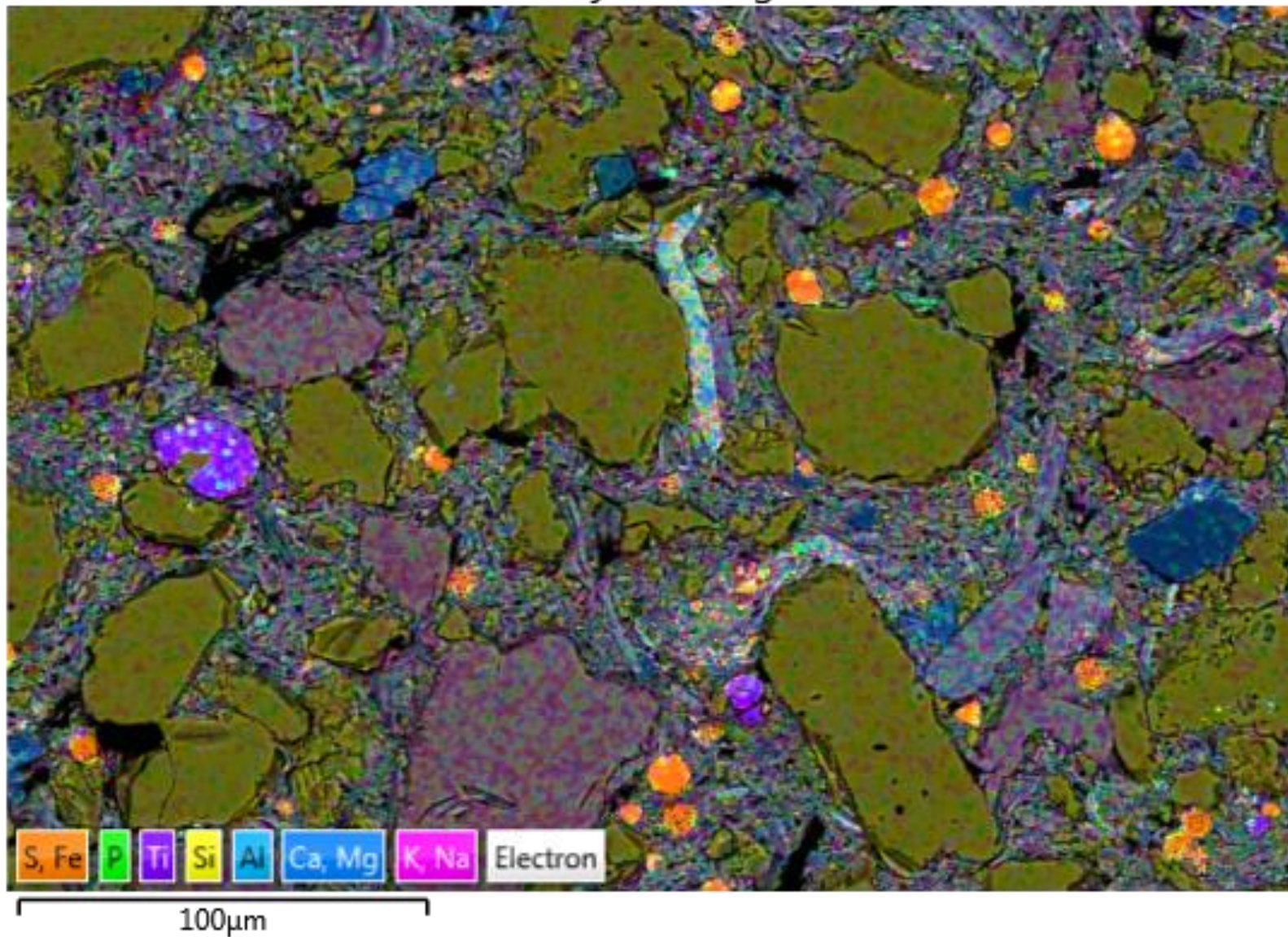
50μm

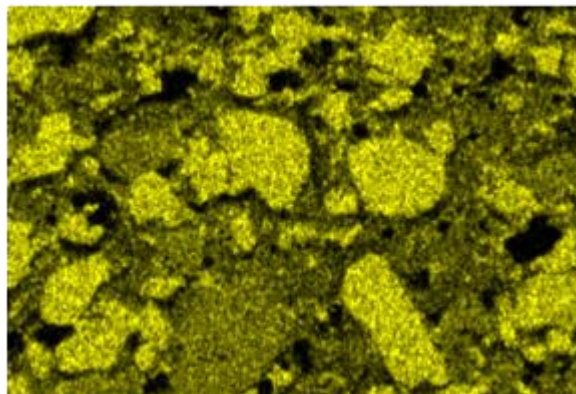
Ca K α 1

50μm

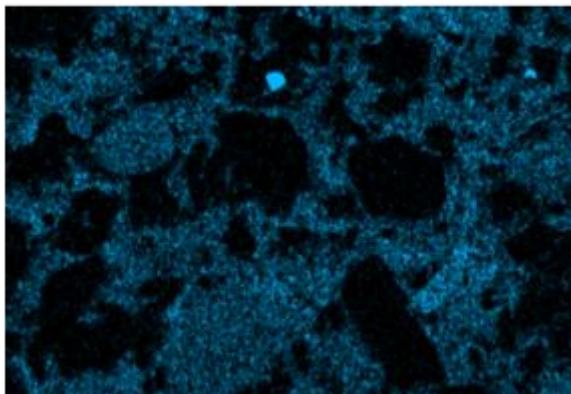
S K α 1P K α 1Fe K α 1Ti K α 1

EDS Layered Image 2

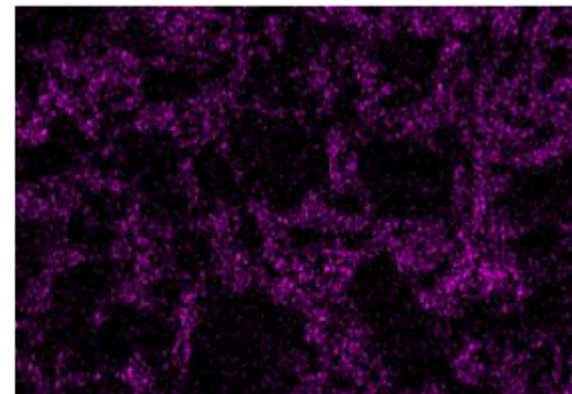


Si K α 1

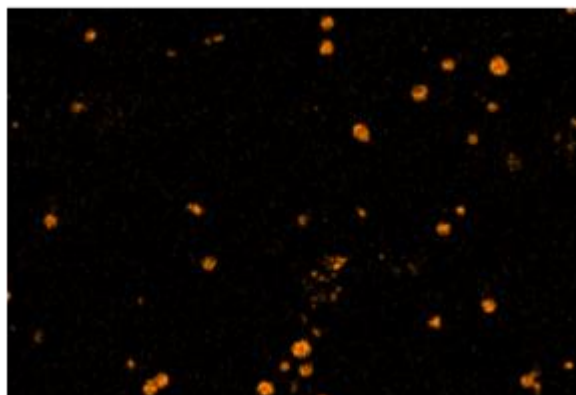
100μm

Al K α 1

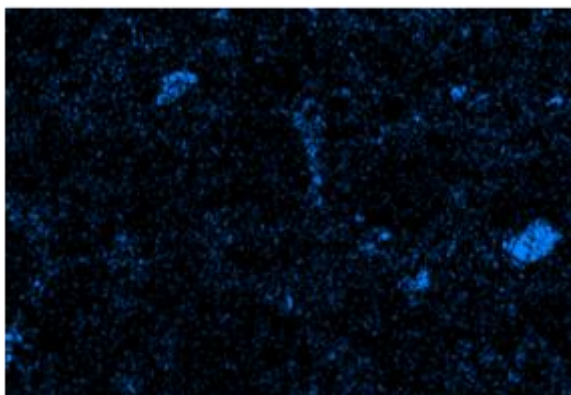
100μm

K K α 1

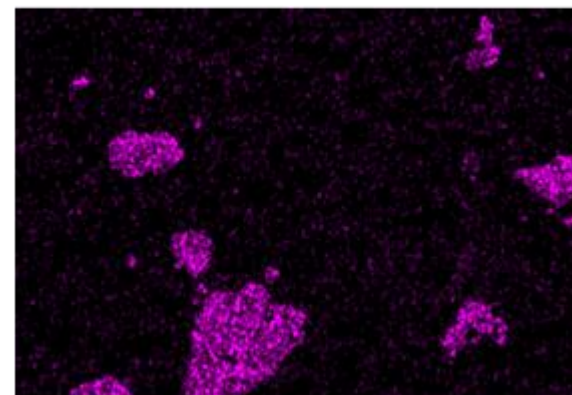
100μm

S K α 1

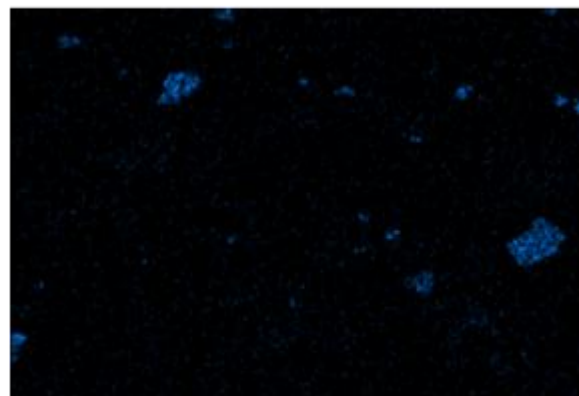
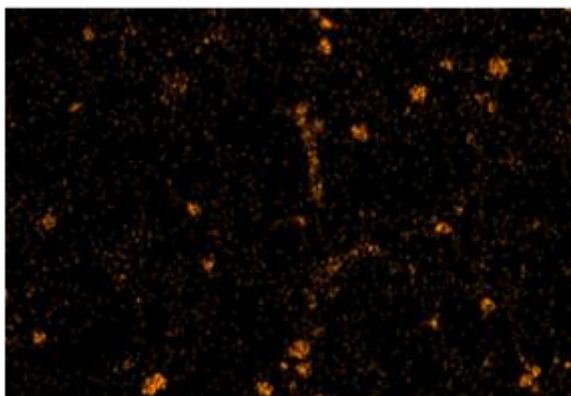
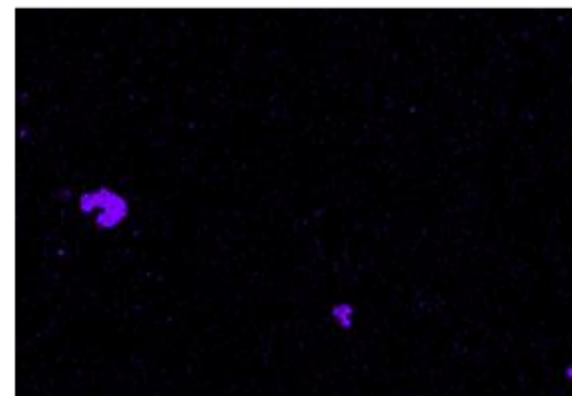
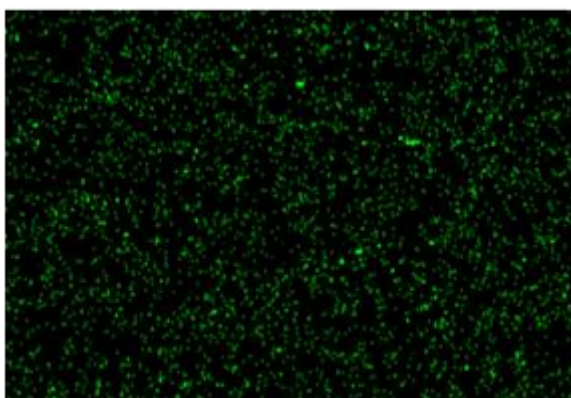
100μm

Mg K α 1_2

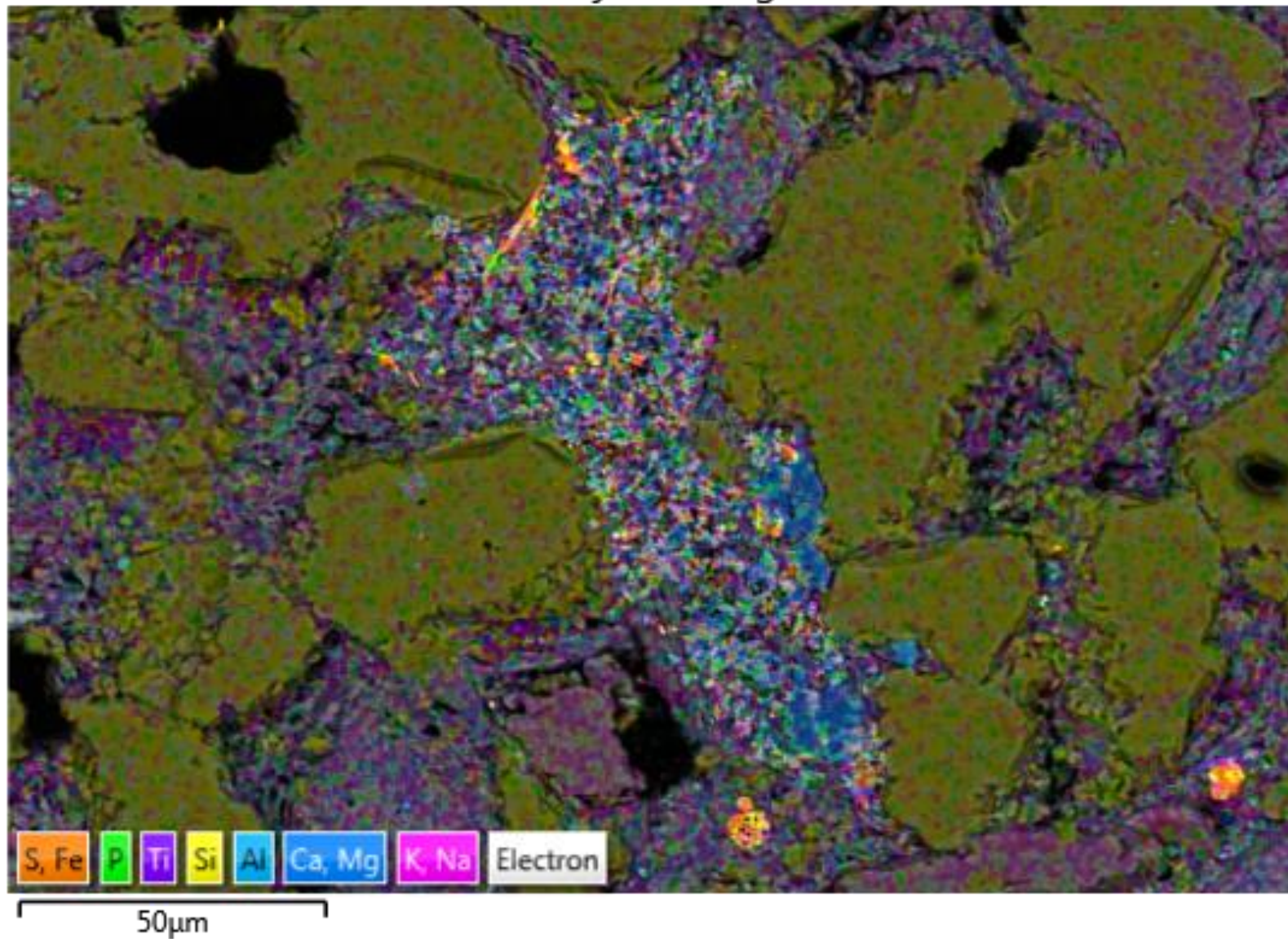
100μm

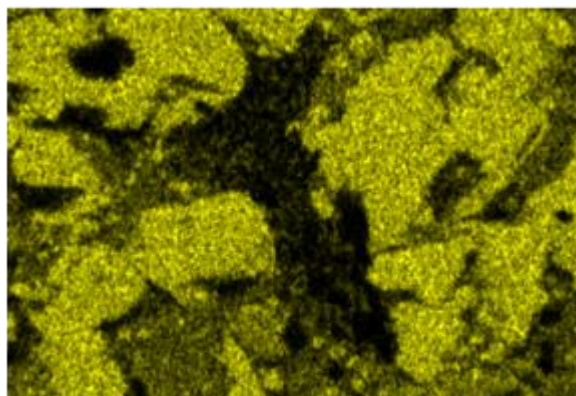
Na K α 1_2

100μm

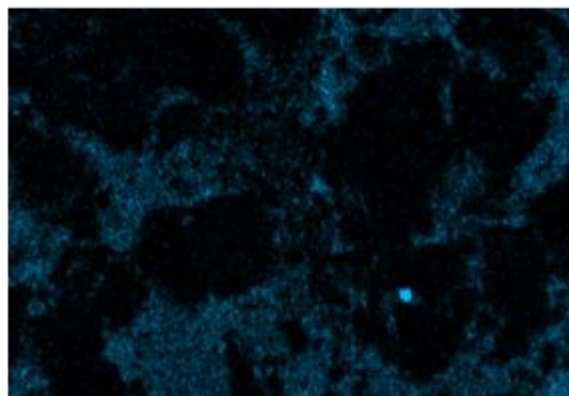
Ca K α 1100 μ mFe K α 1100 μ mTi K α 1100 μ mP K α 1100 μ m

EDS Layered Image 3

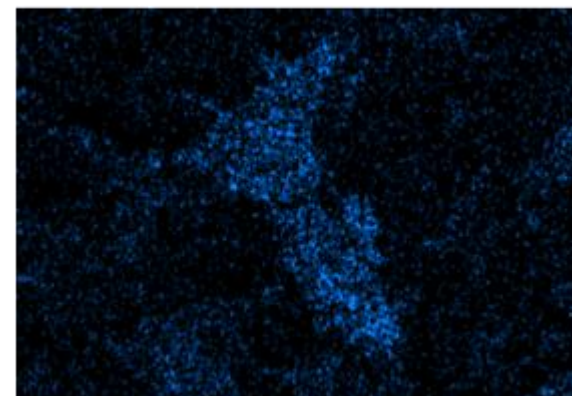


Si K α 1

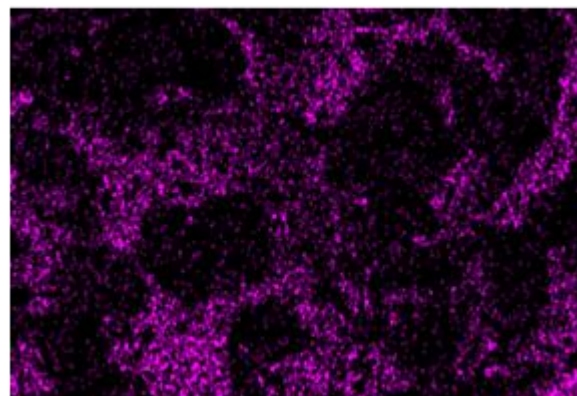
50μm

Al K α 1

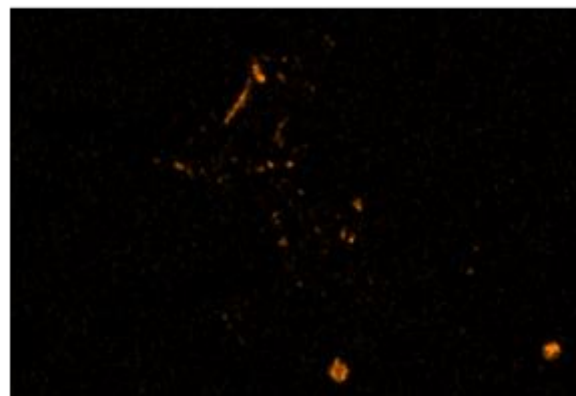
50μm

Mg K α 1_2

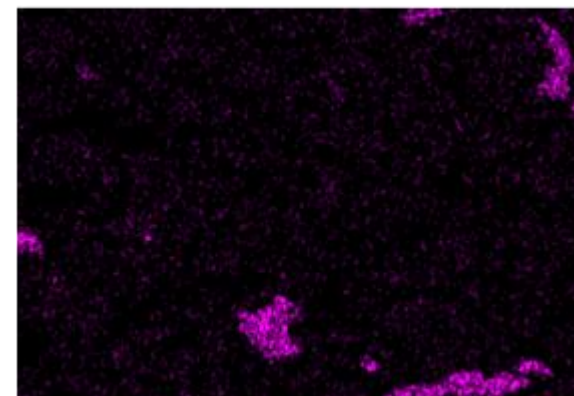
50μm

K K α 1

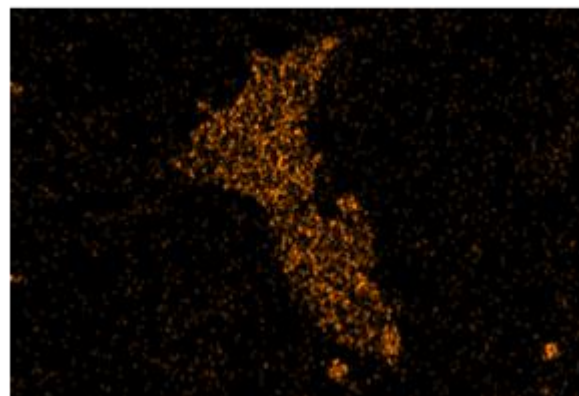
50μm

S K α 1

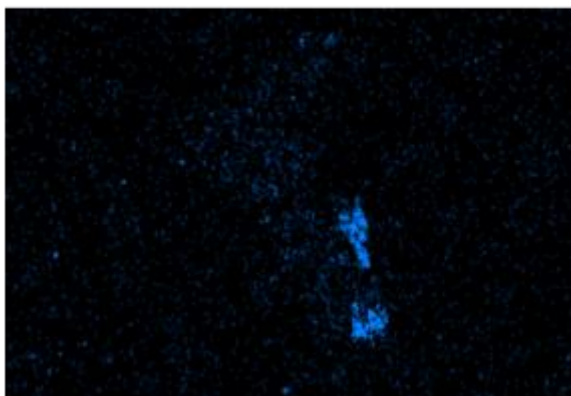
50μm

Na K α 1_2

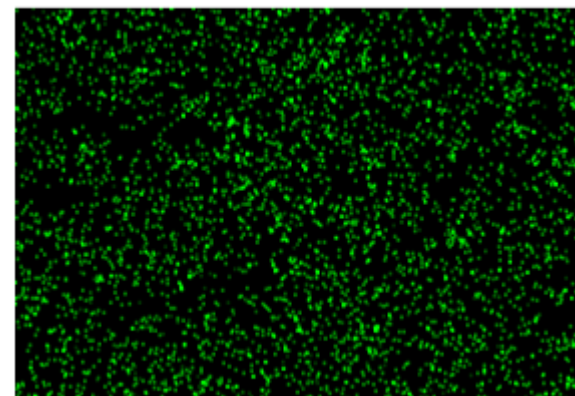
50μm

Fe K α 1

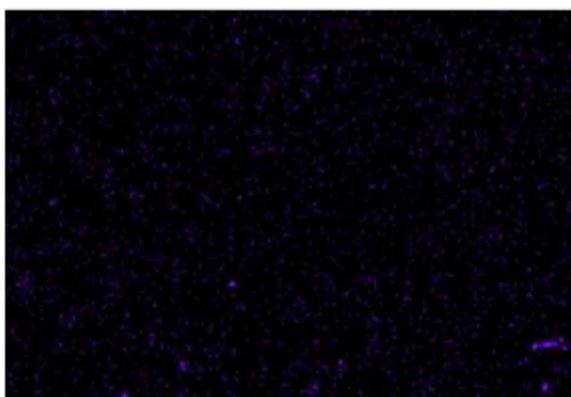
50μm

Ca K α 1

50μm

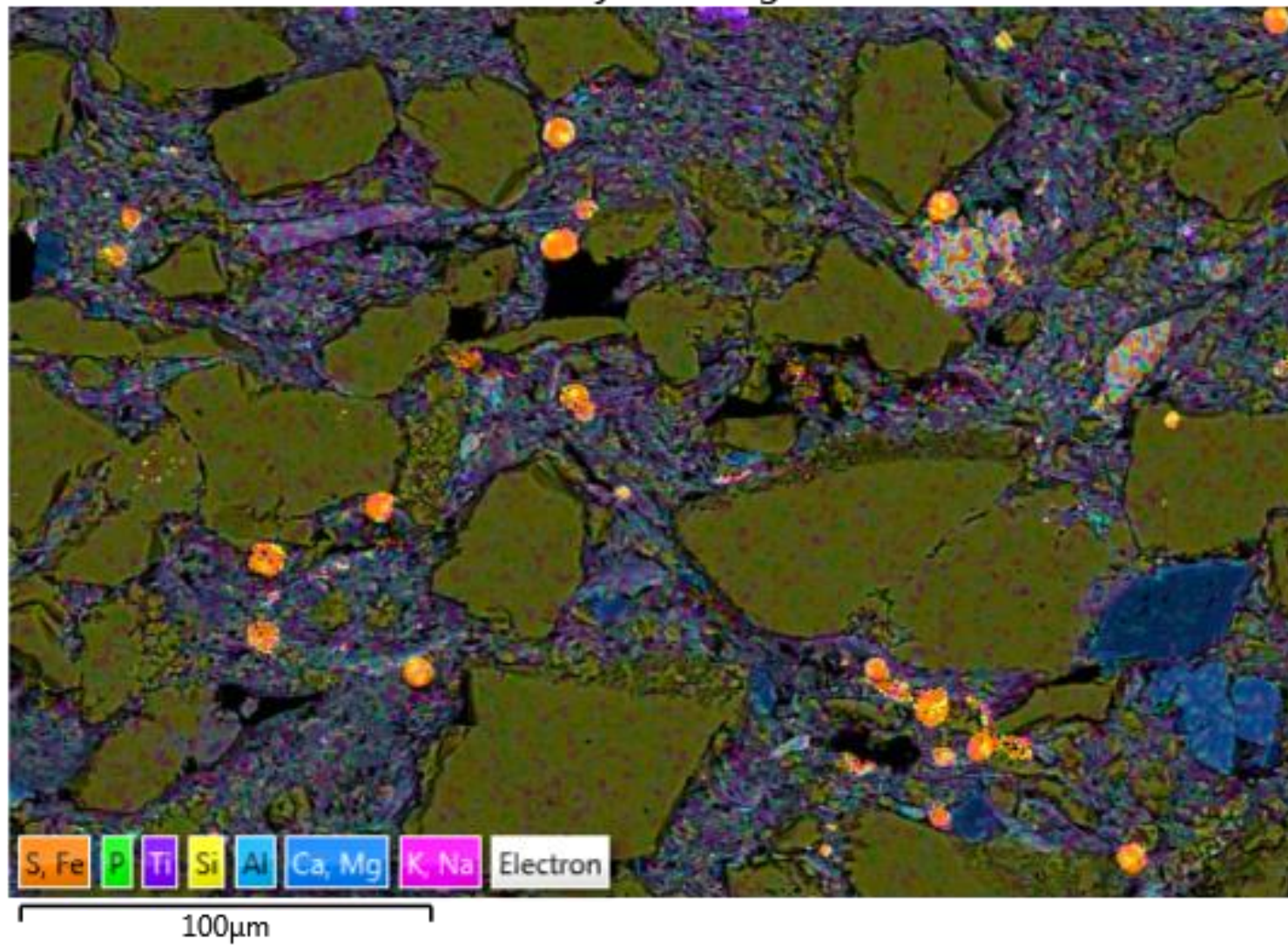
P K α 1

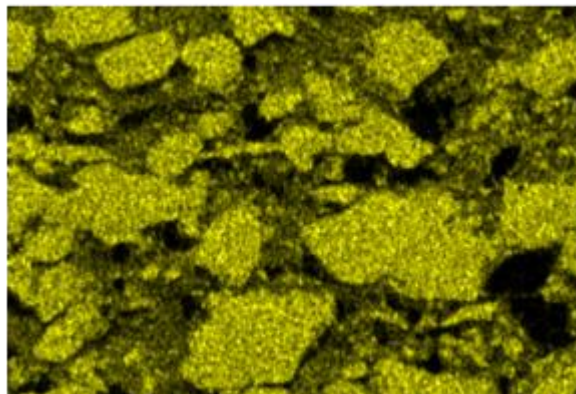
50μm

Ti K α 1

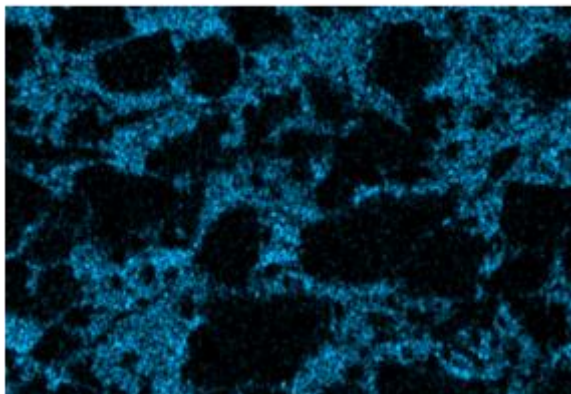
50μm

EDS Layered Image 4

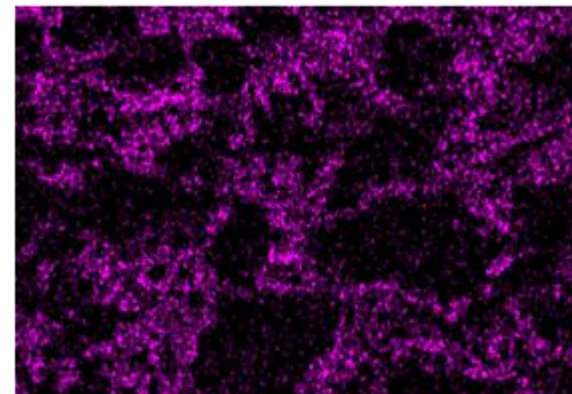


Si K α 1

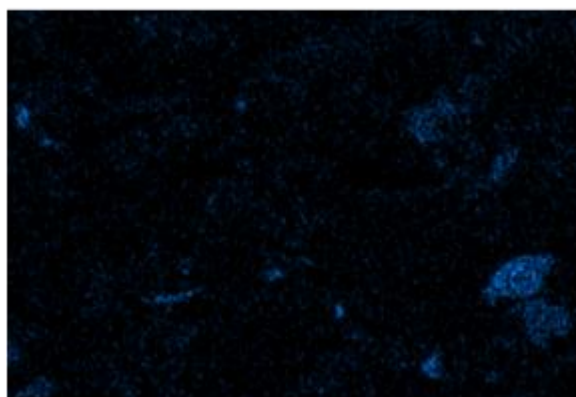
100μm

Al K α 1

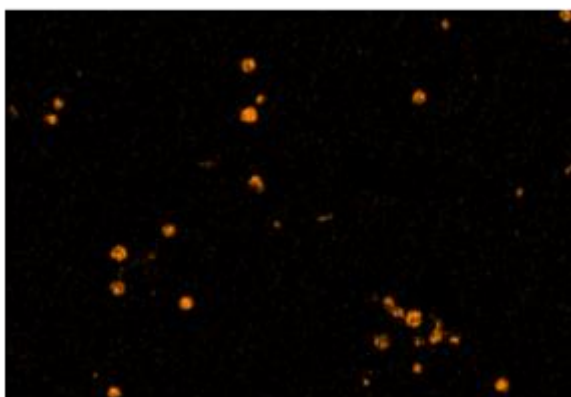
100μm

K K α 1

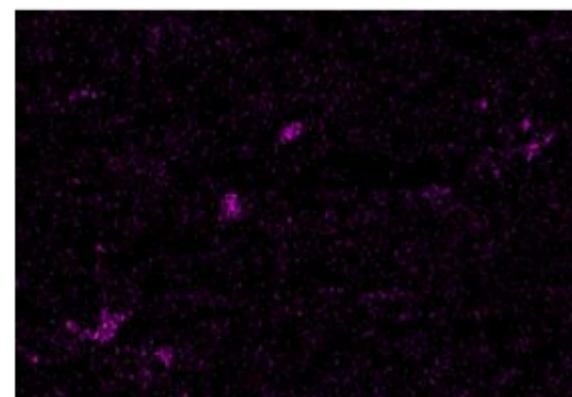
100μm

Mg K α 1_2

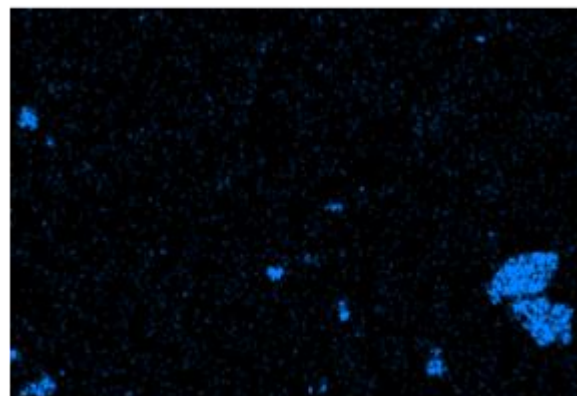
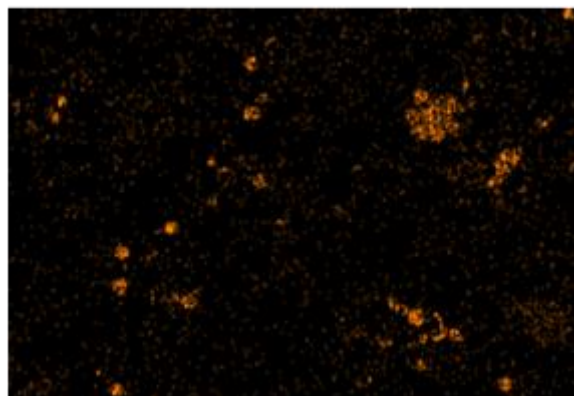
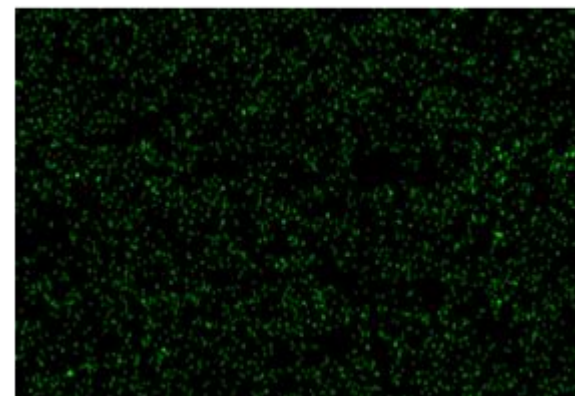
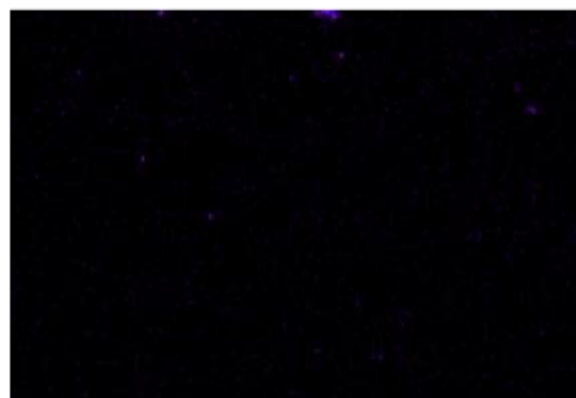
100μm

S K α 1

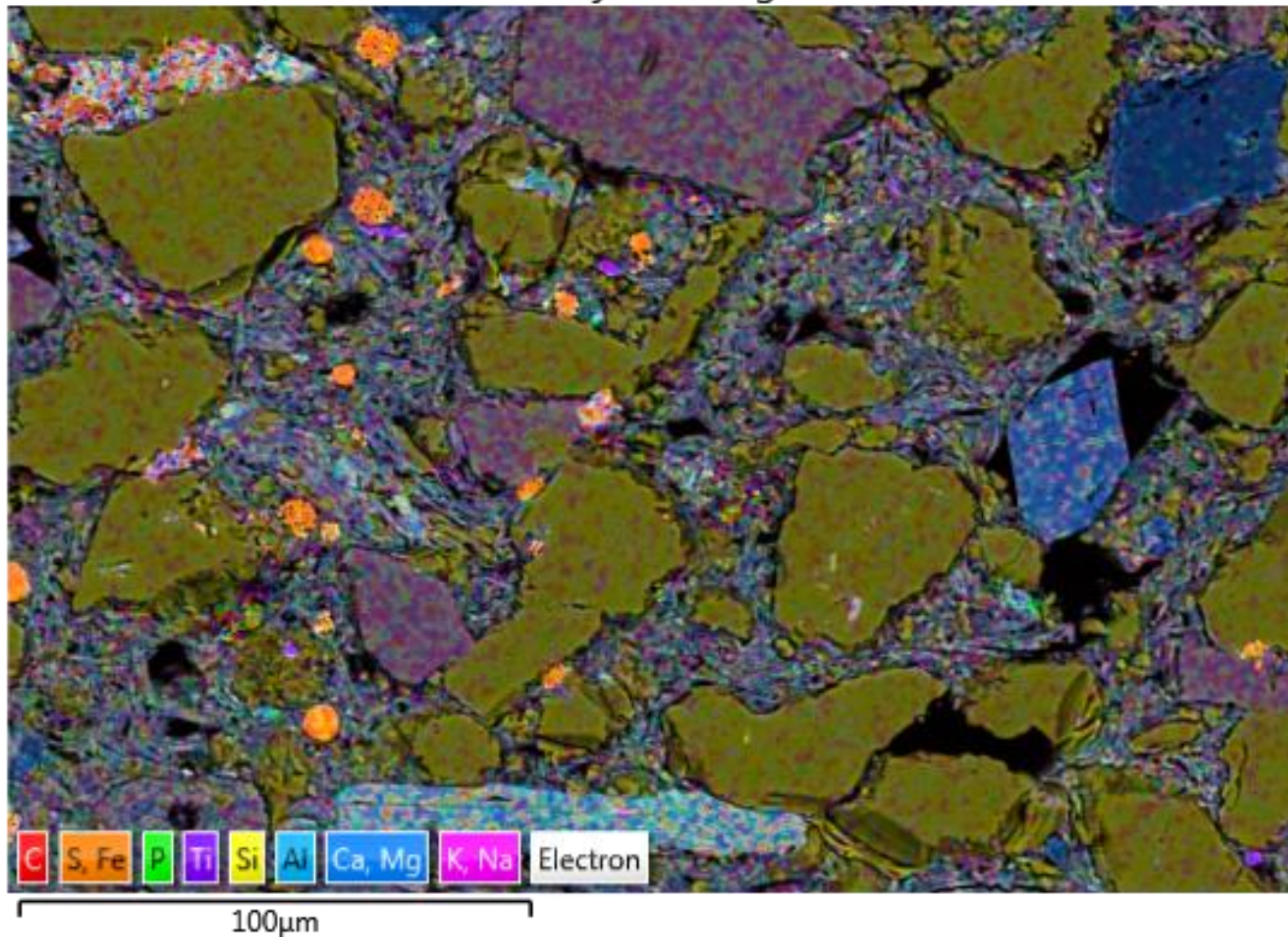
100μm

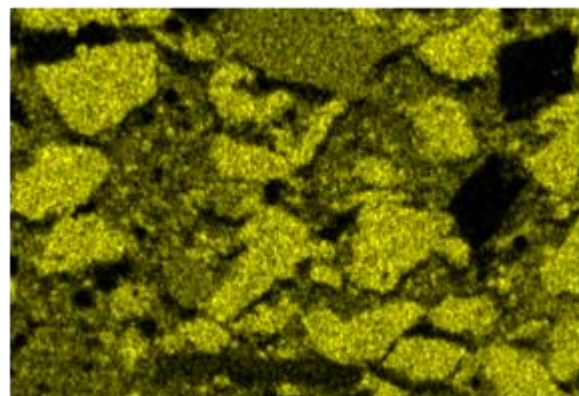
Na K α 1_2

100μm

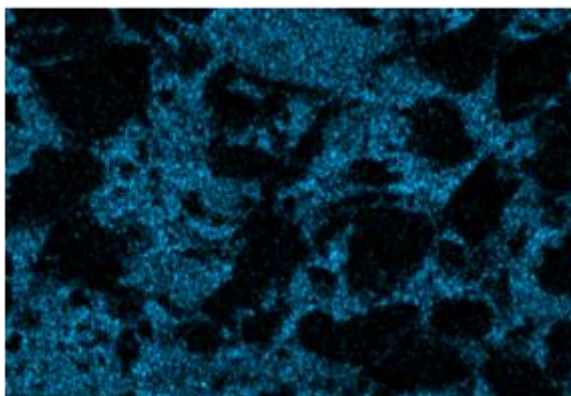
Ca K α 1100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 5

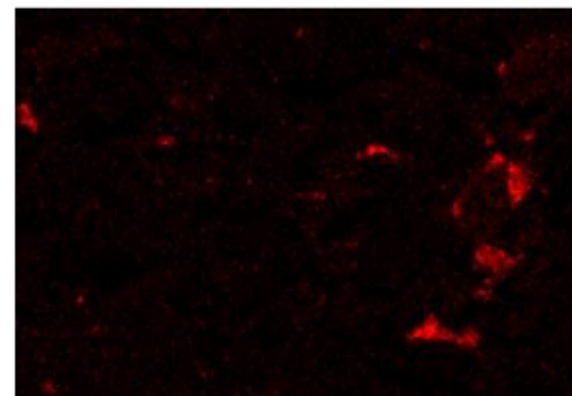


Si K α 1

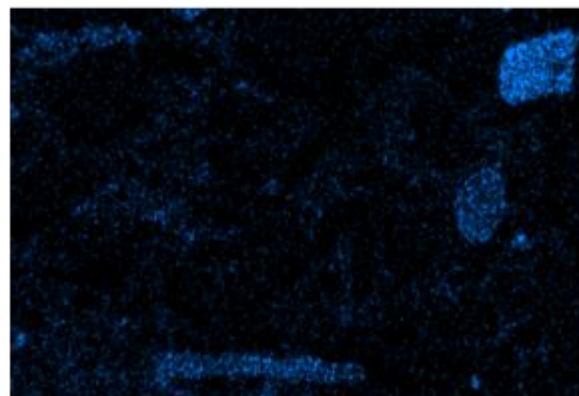
100μm

Al K α 1

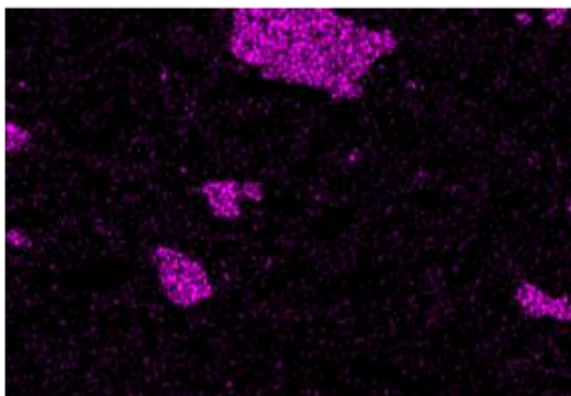
100μm

C K α 1_2

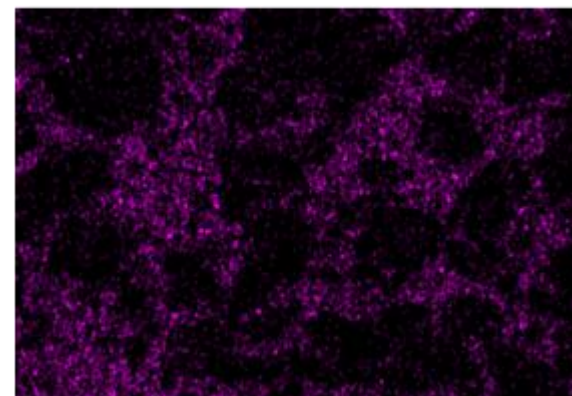
100μm

Mg K α 1_2

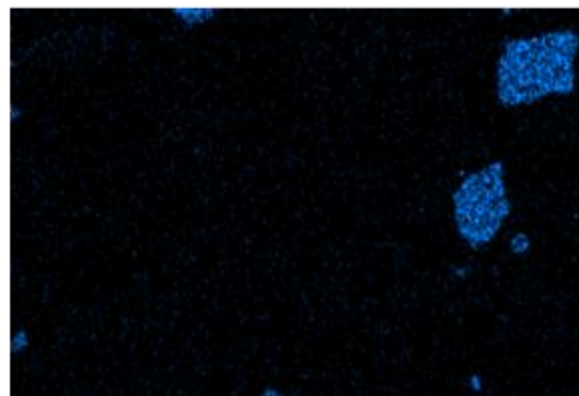
100μm

Na K α 1_2

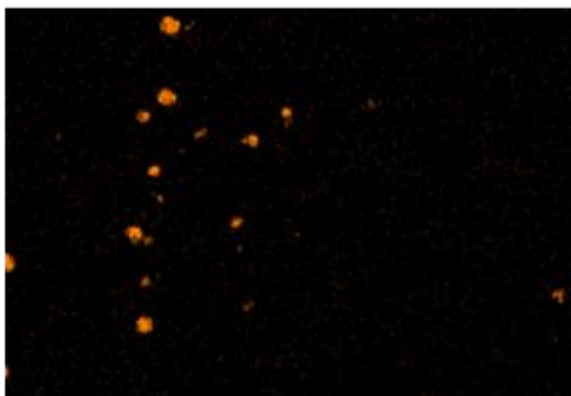
100μm

K K α 1

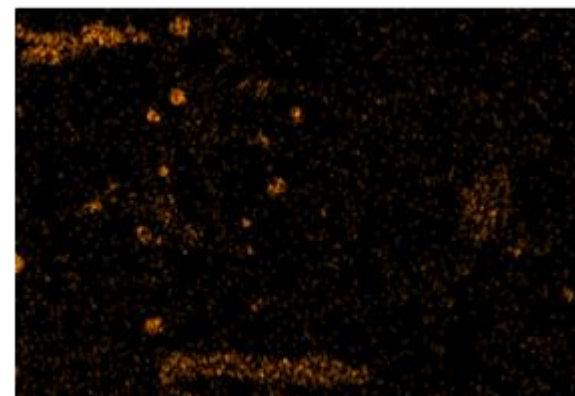
100μm

Ca K α 1

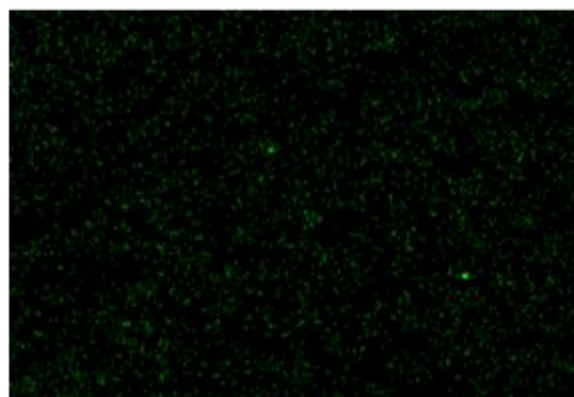
100μm

S K α 1

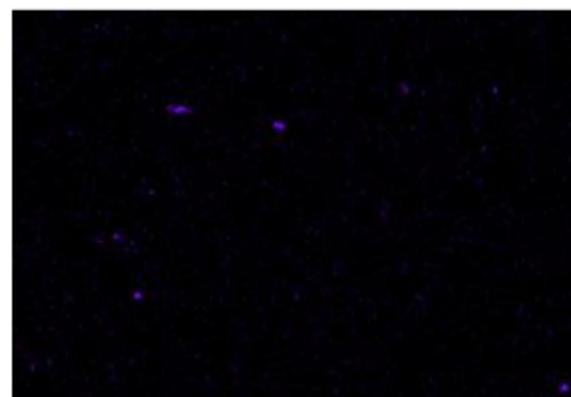
100μm

Fe K α 1

100μm

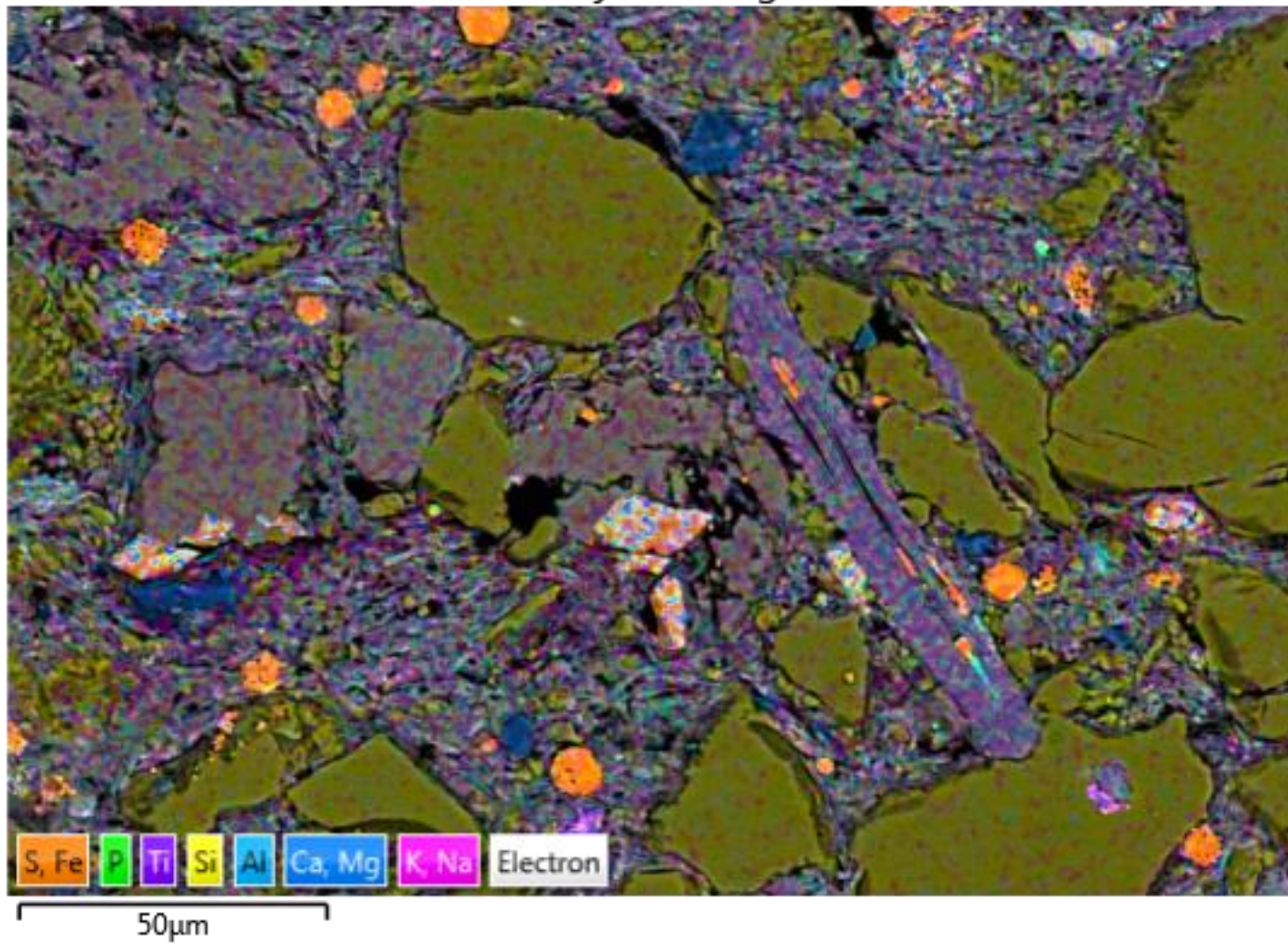
P K α 1

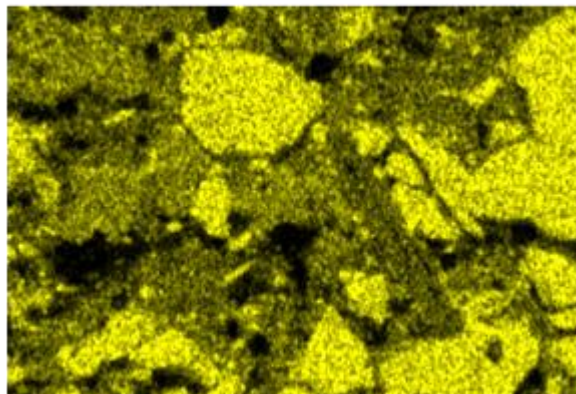
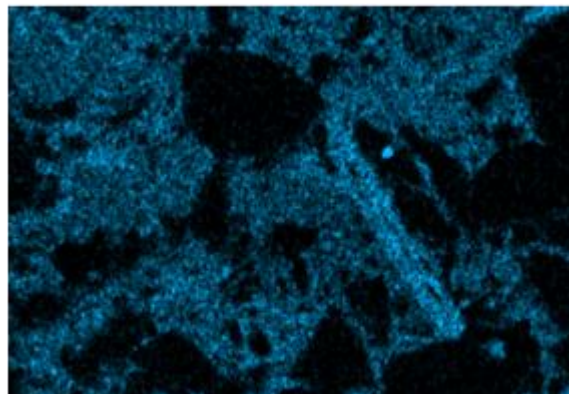
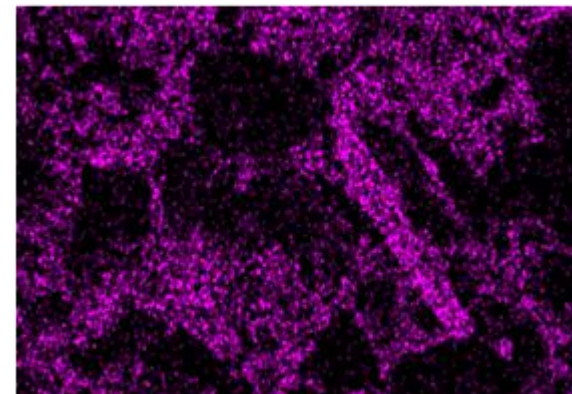
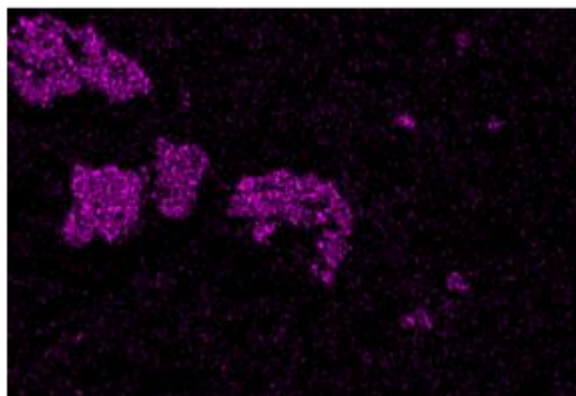
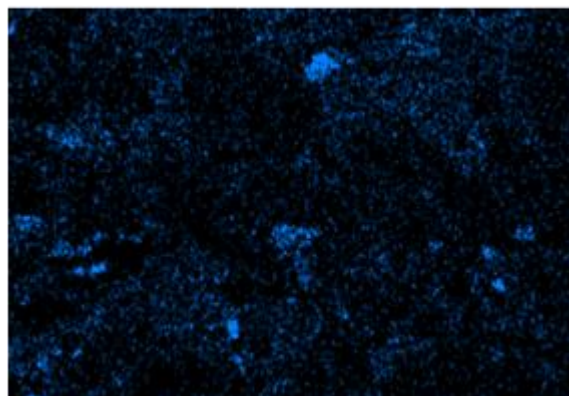
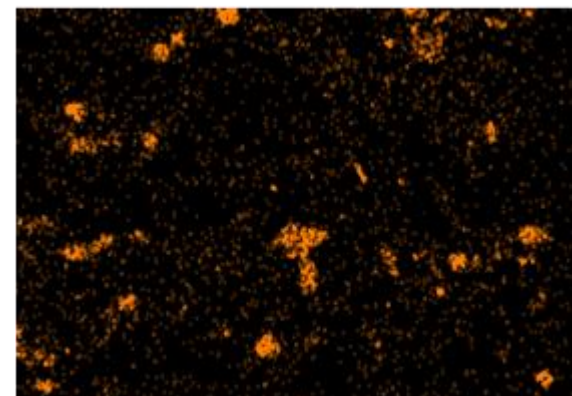
100μm

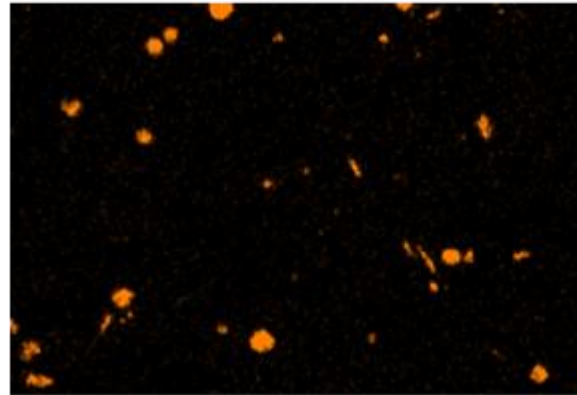
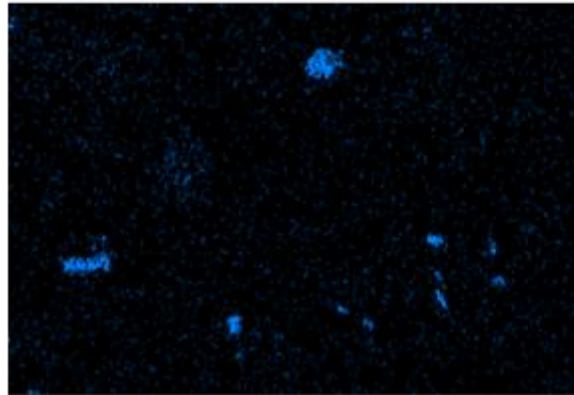
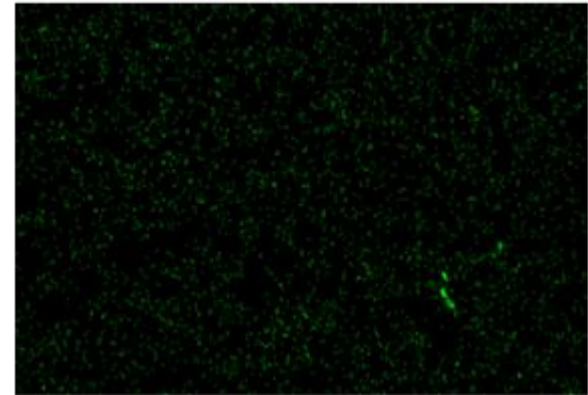
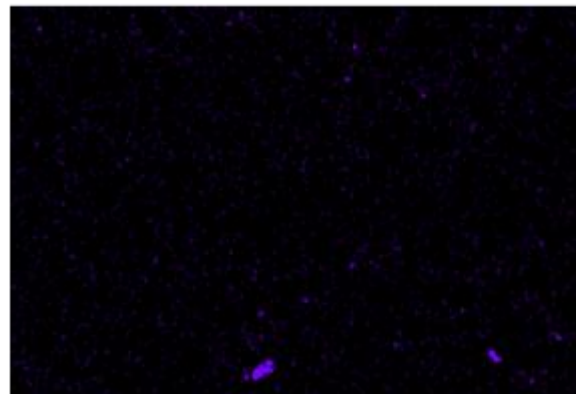
Ti K α 1

100μm

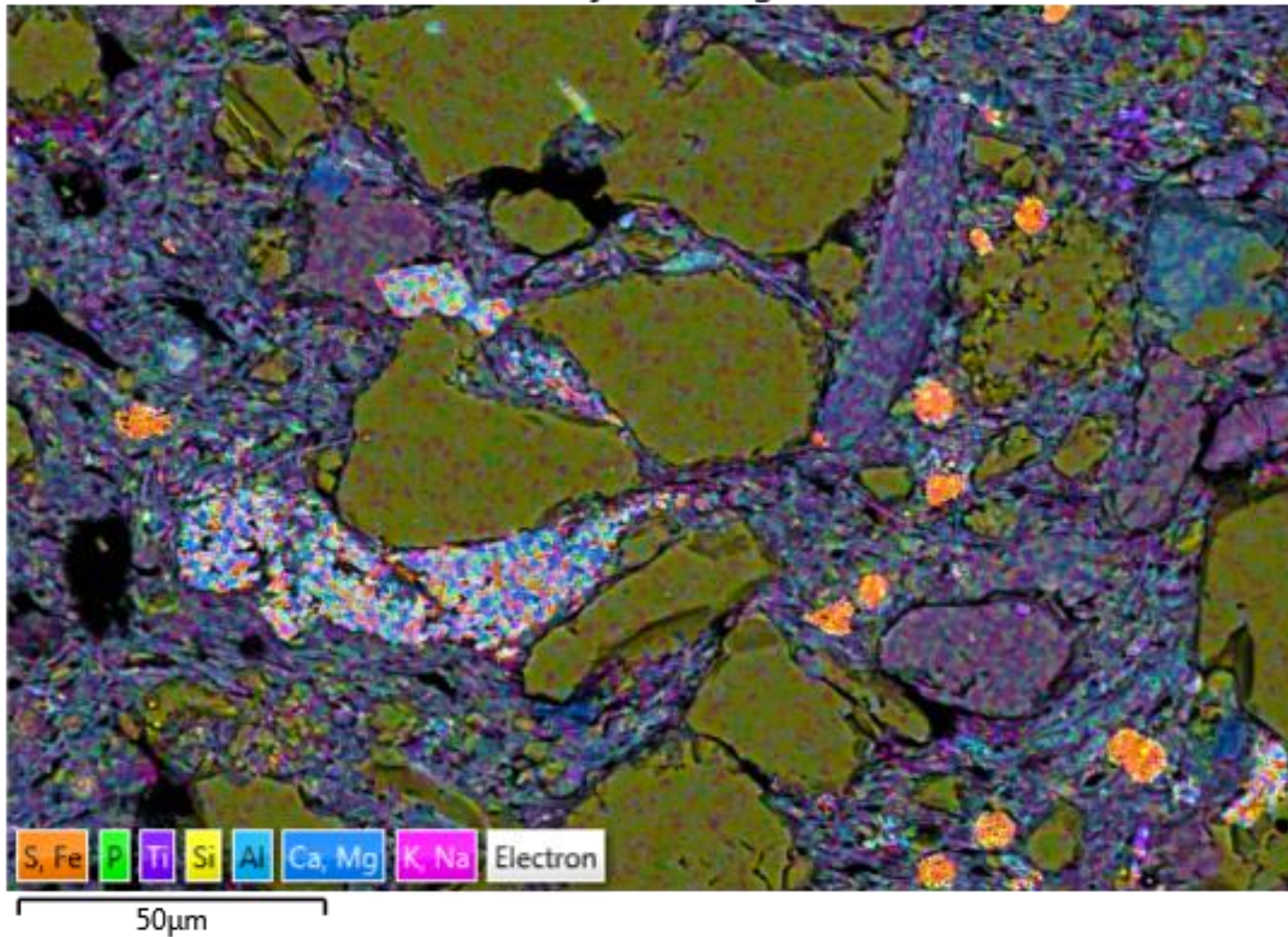
EDS Layered Image 6

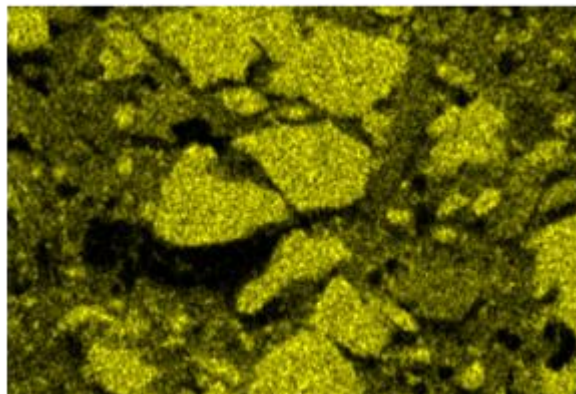


Si K α 150 μ mAl K α 150 μ mK K α 150 μ mNa K α 1_250 μ mMg K α 1_250 μ mFe K α 150 μ m

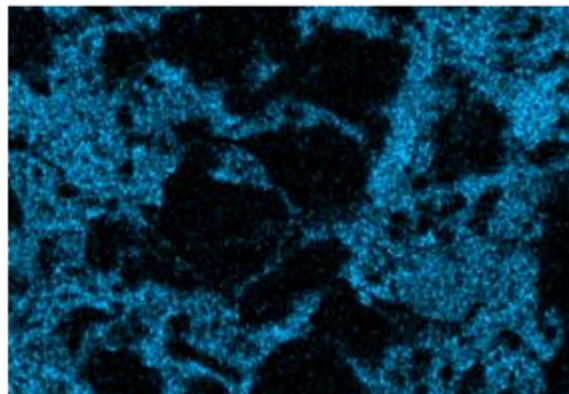
S K α 150 μ mCa K α 150 μ mP K α 150 μ mTi K α 150 μ m

EDS Layered Image 7

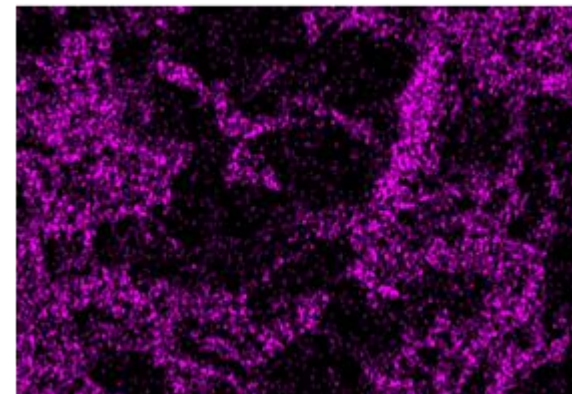


Si K α 1

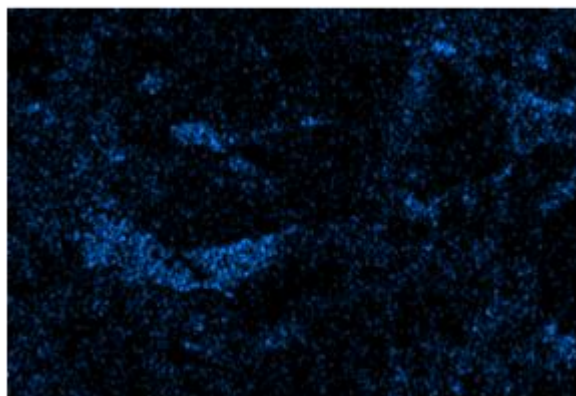
50μm

Al K α 1

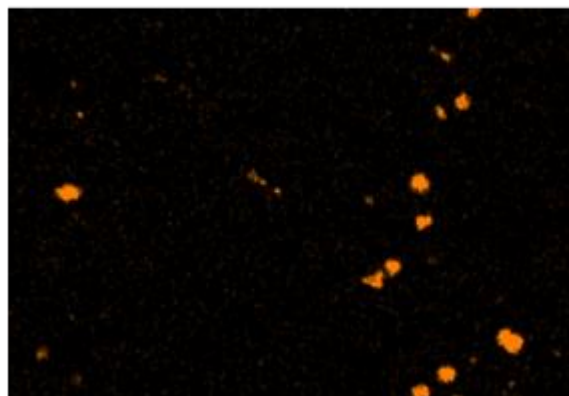
50μm

K K α 1

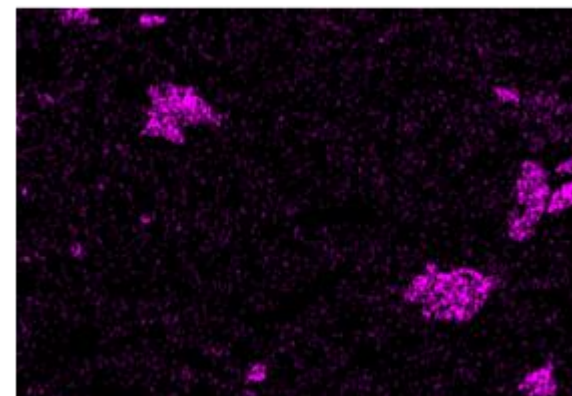
50μm

Mg K α 1_2

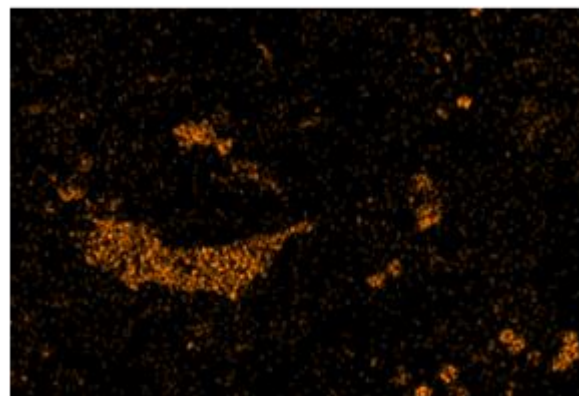
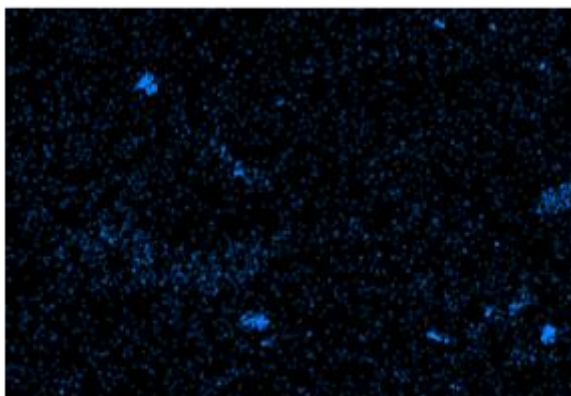
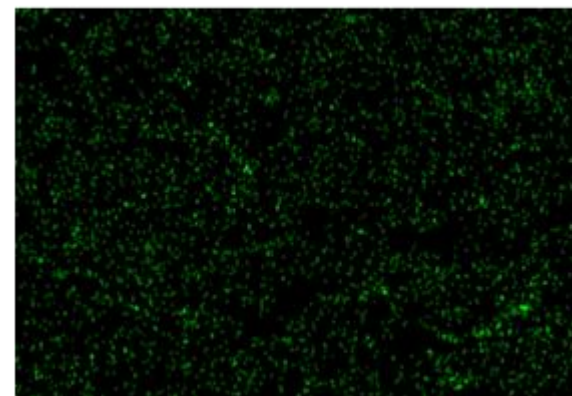
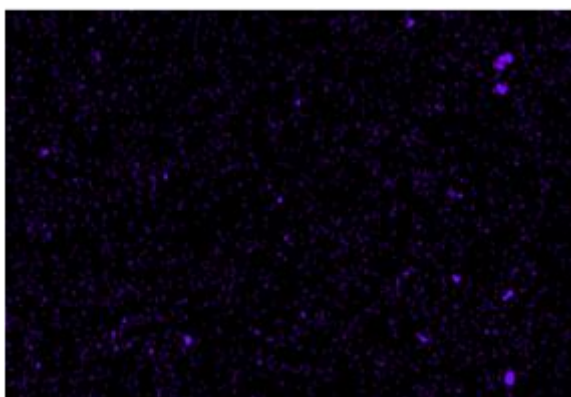
50μm

S K α 1

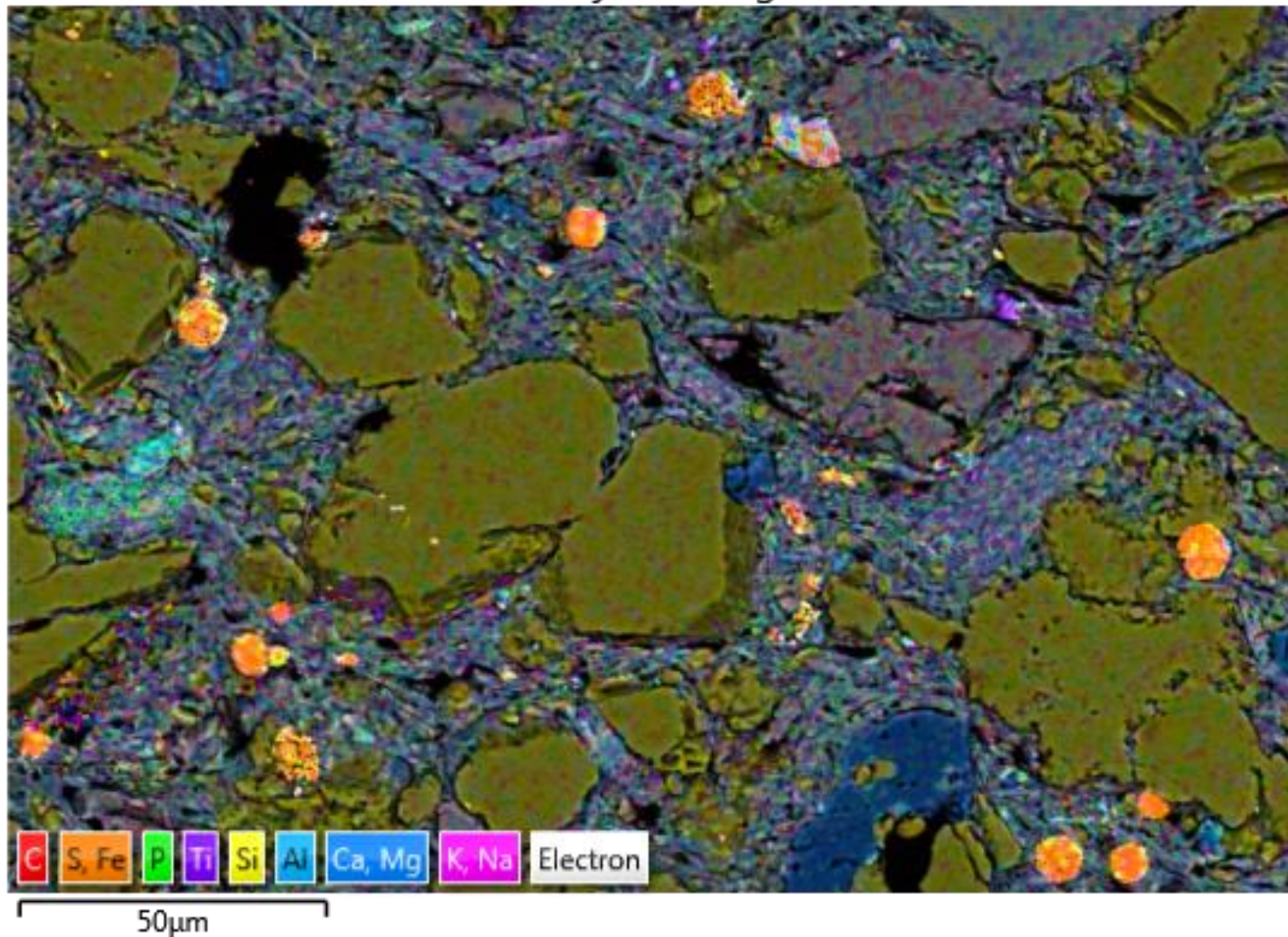
50μm

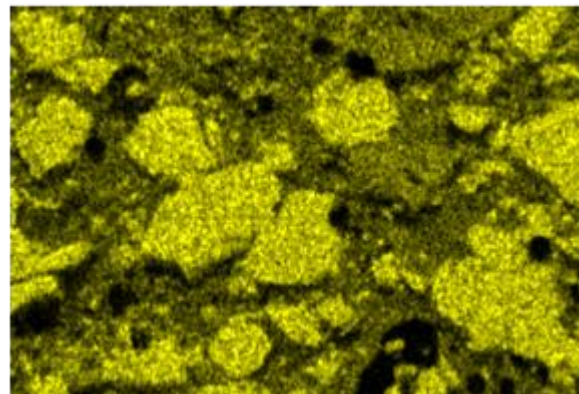
Na K α 1_2

50μm

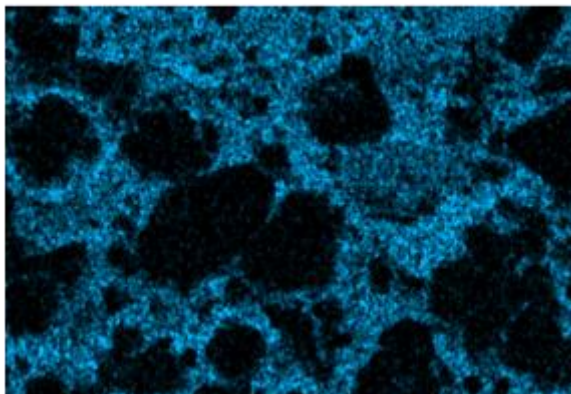
Fe K α 150 μ mCa K α 150 μ mP K α 150 μ mTi K α 150 μ m

EDS Layered Image 8

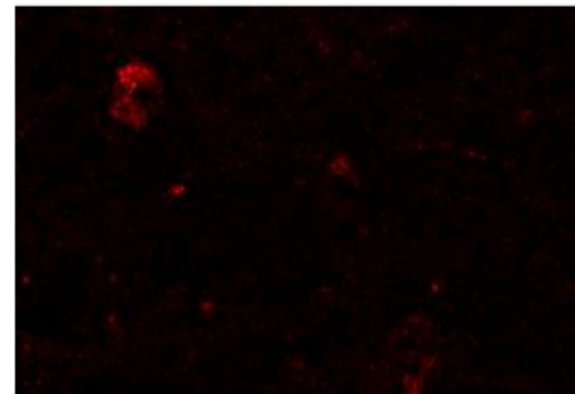


Si K α 1

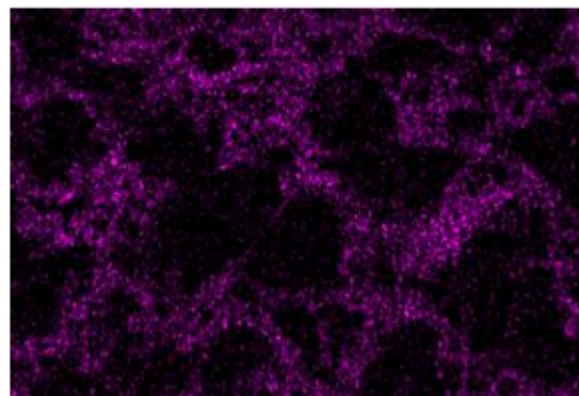
50μm

Al K α 1

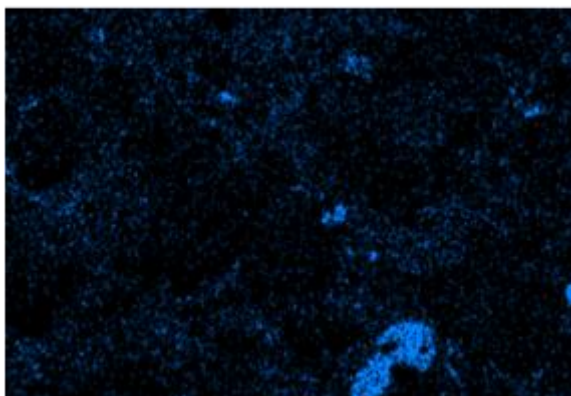
50μm

C K α 1_2

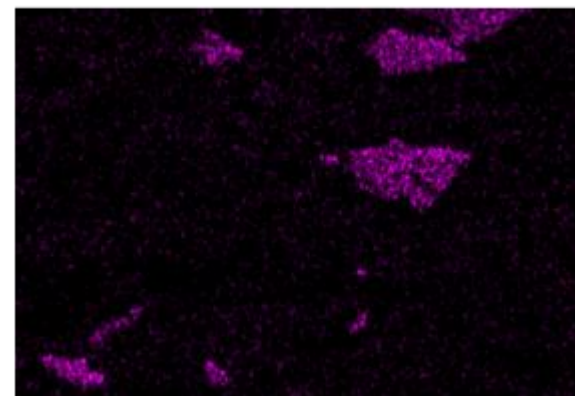
50μm

K K α 1

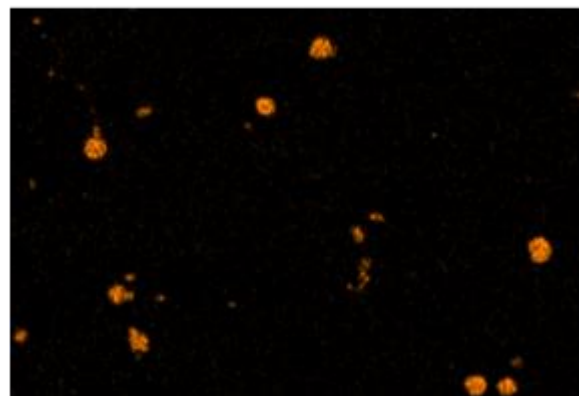
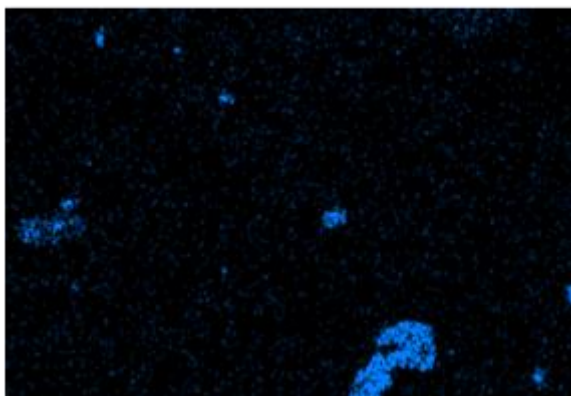
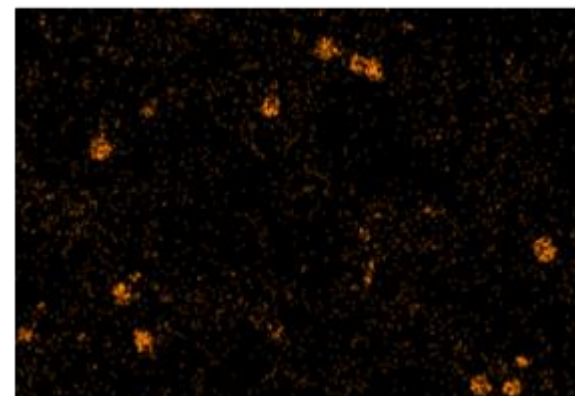
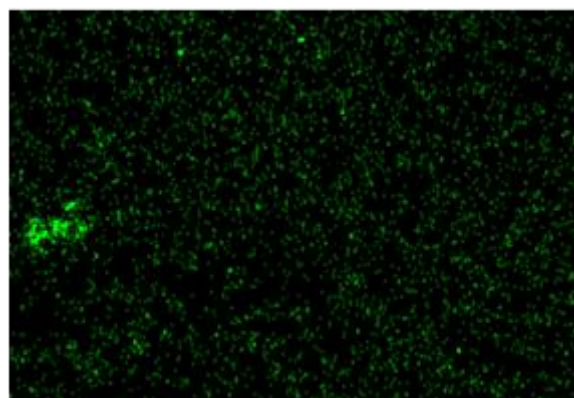
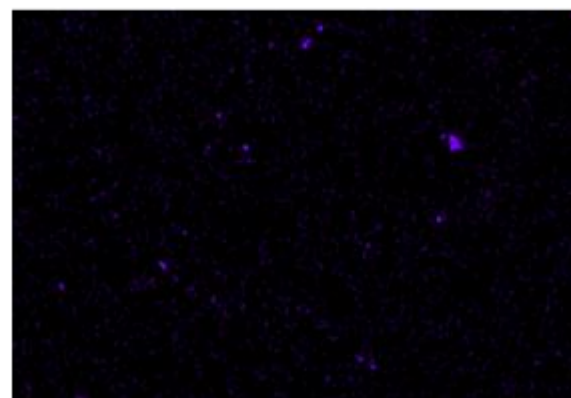
50μm

Mg K α 1_2

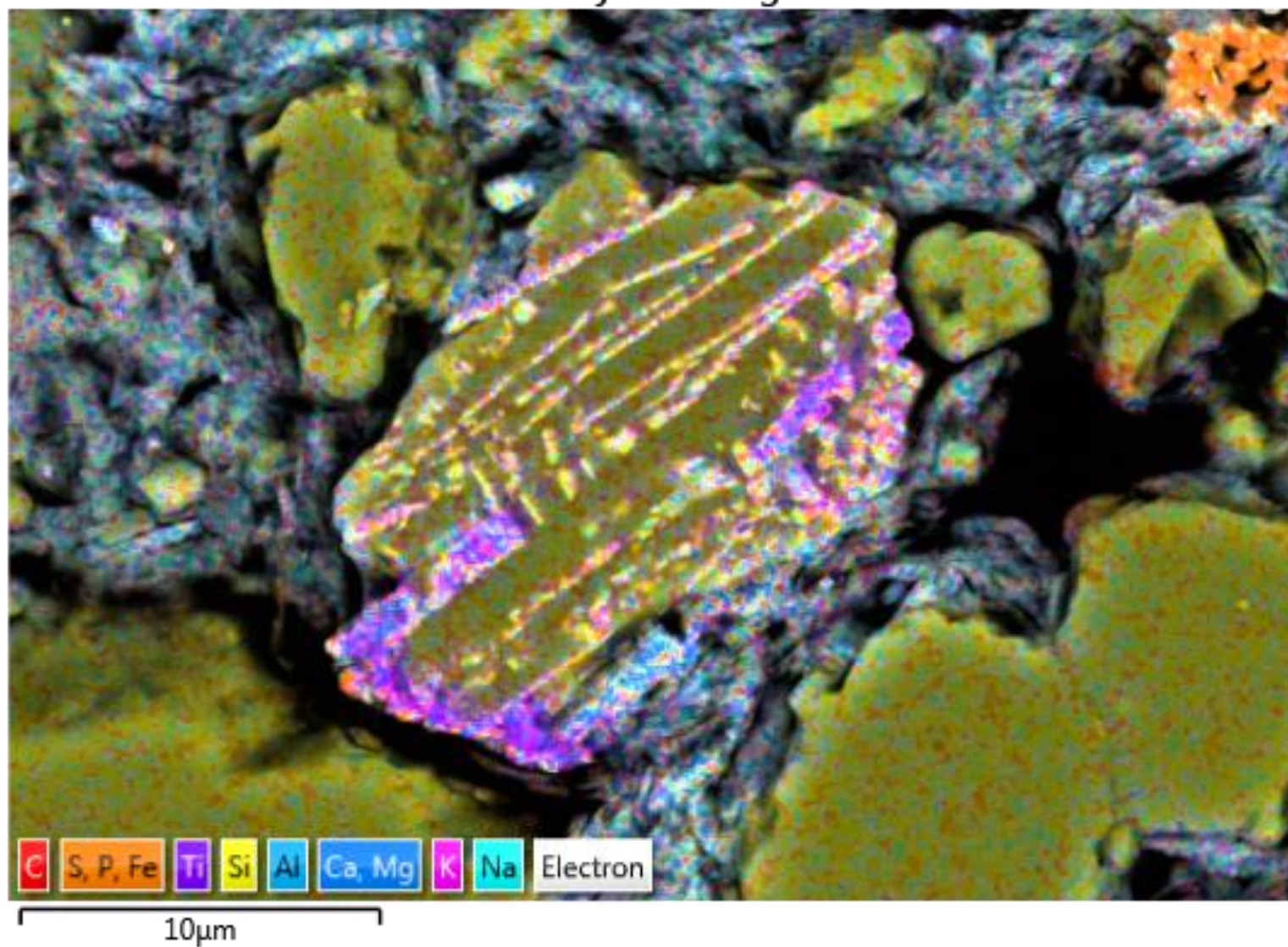
50μm

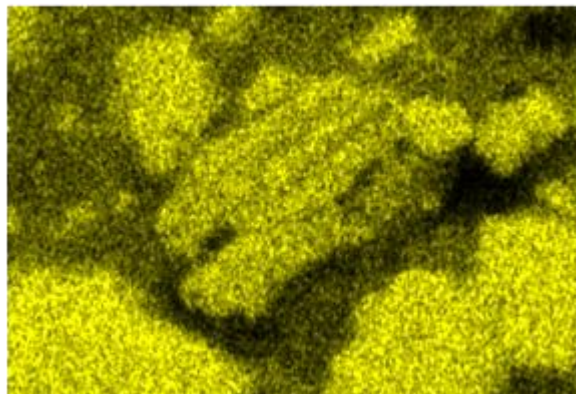
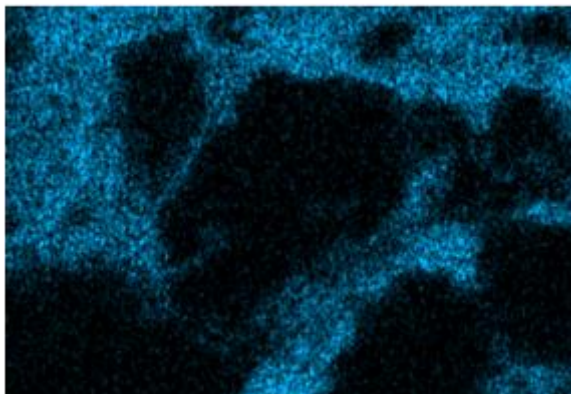
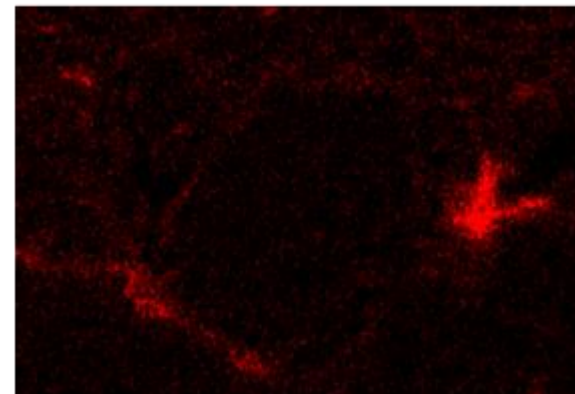
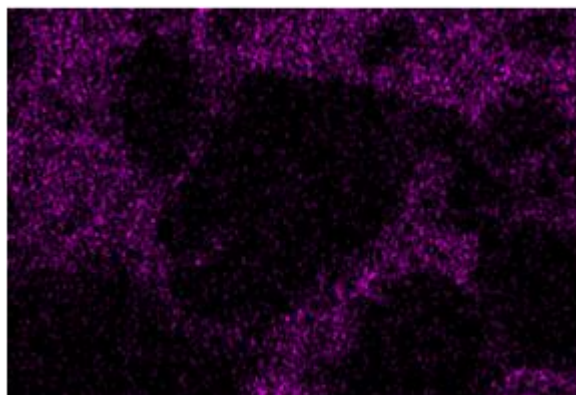
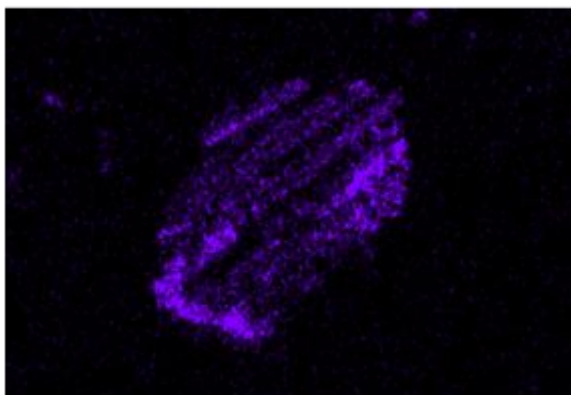
Na K α 1_2

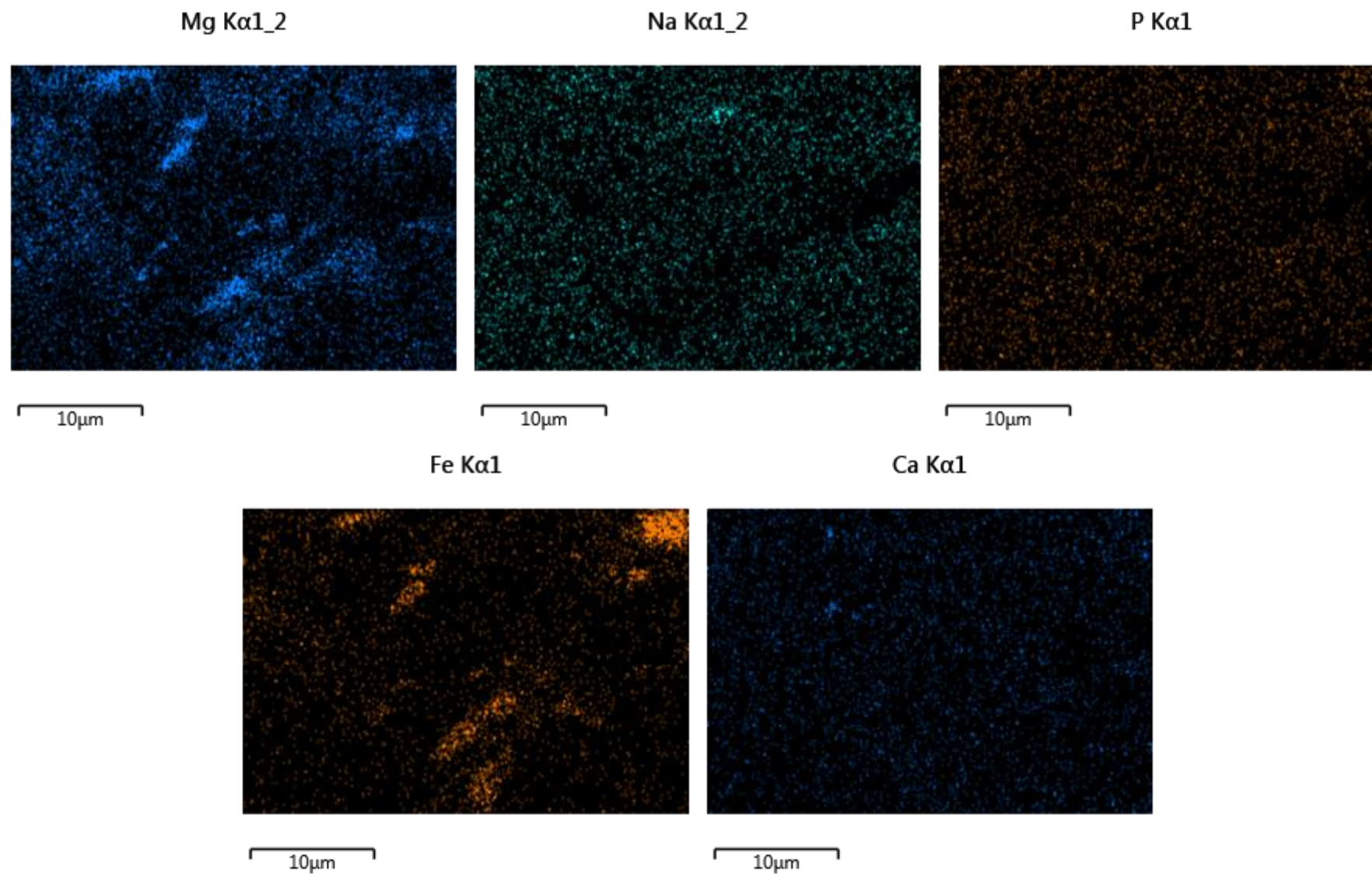
50μm

S K α 1Ca K α 1Fe K α 1P K α 1Ti K α 1

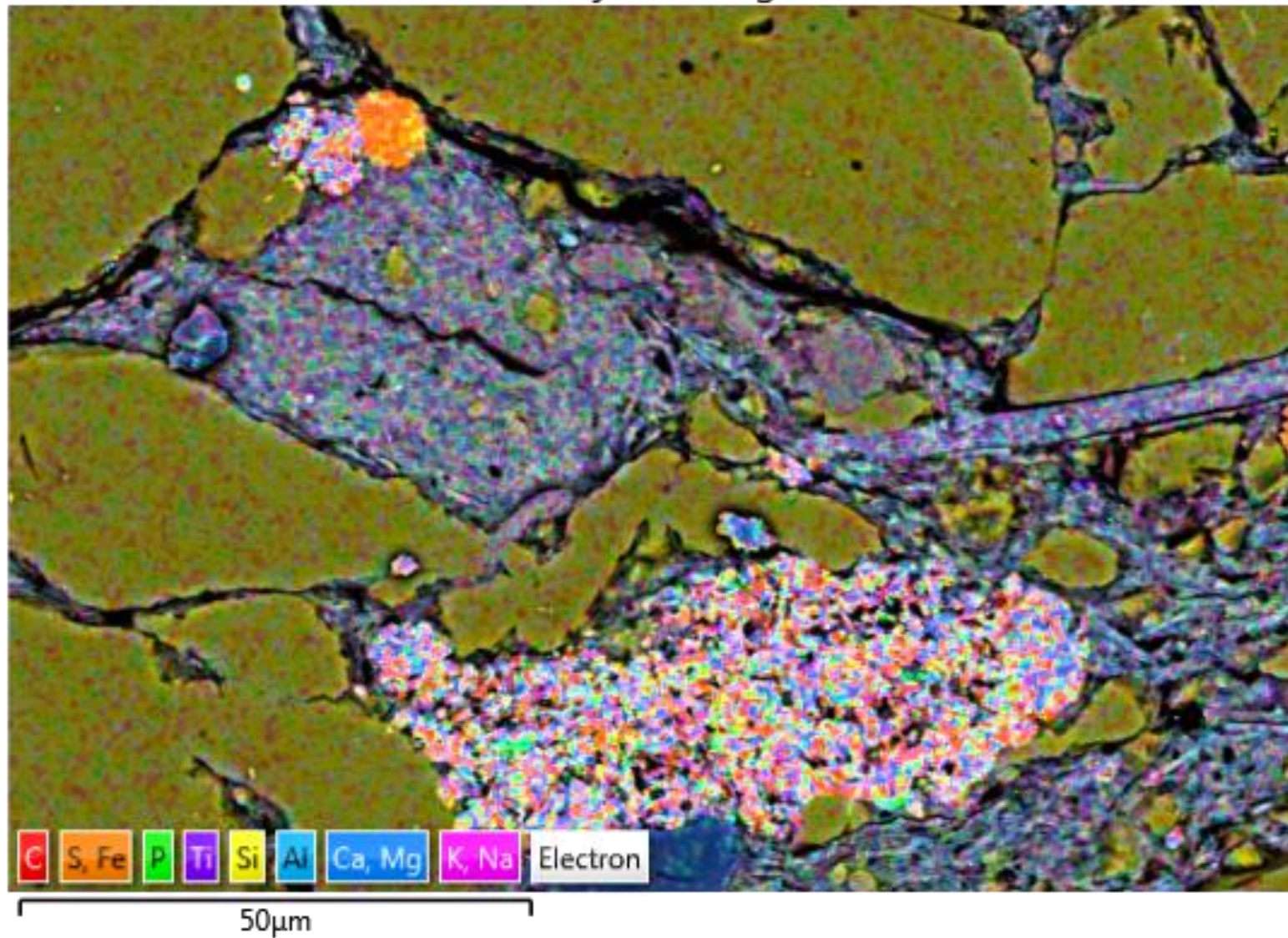
EDS Layered Image 1

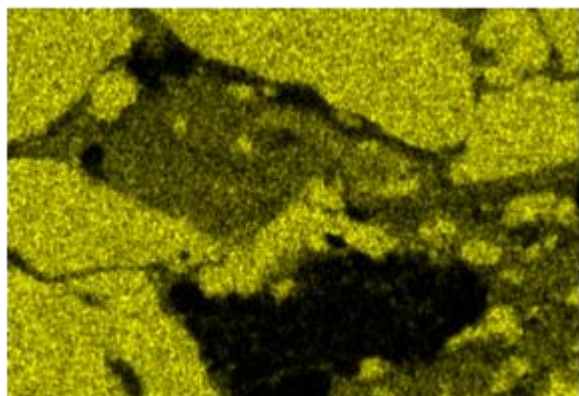
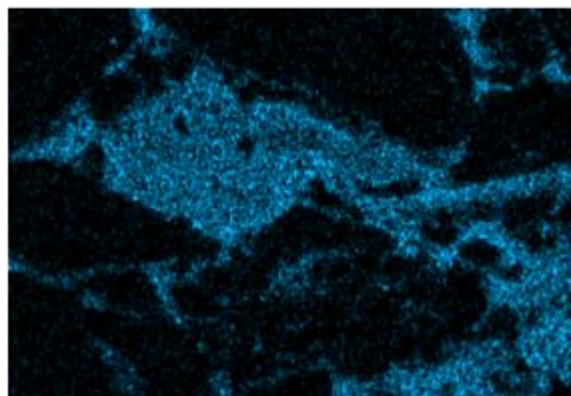
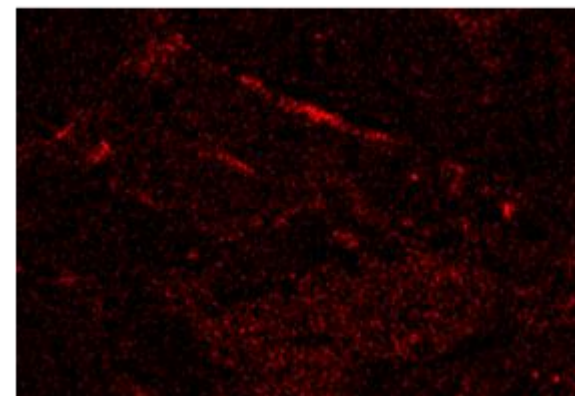
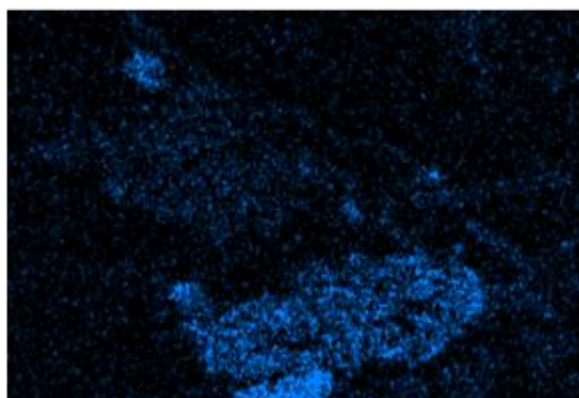
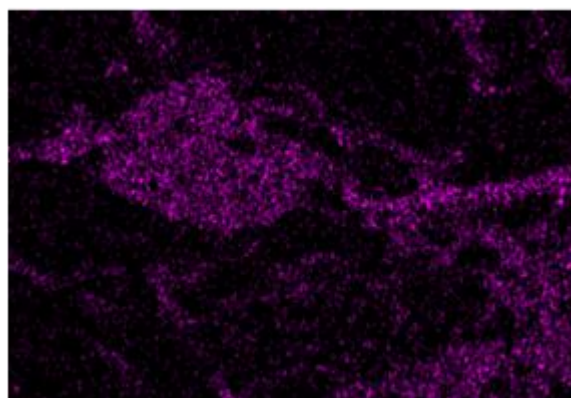
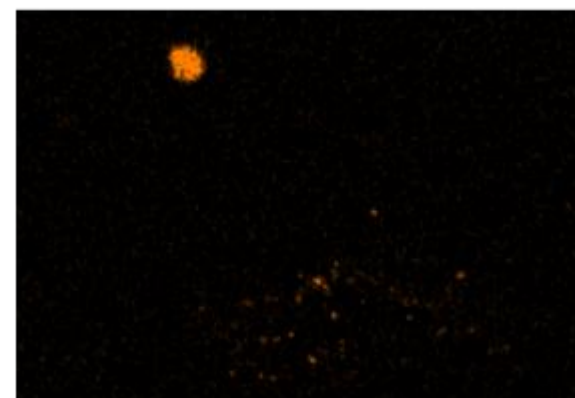


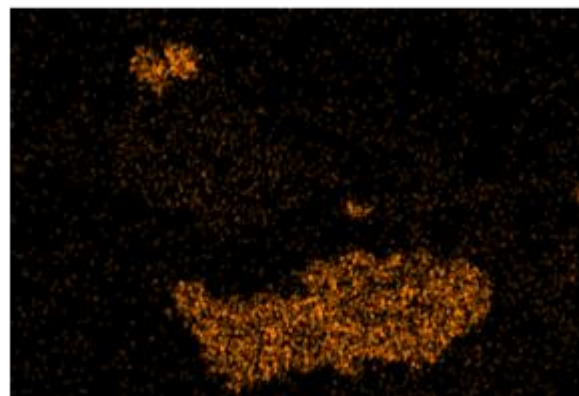
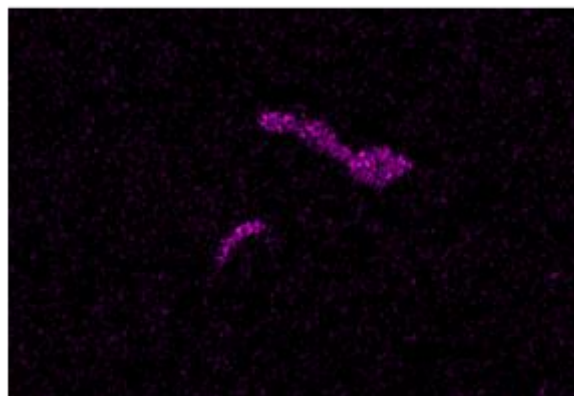
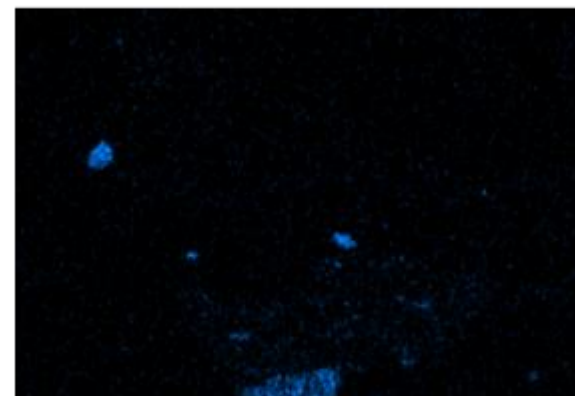
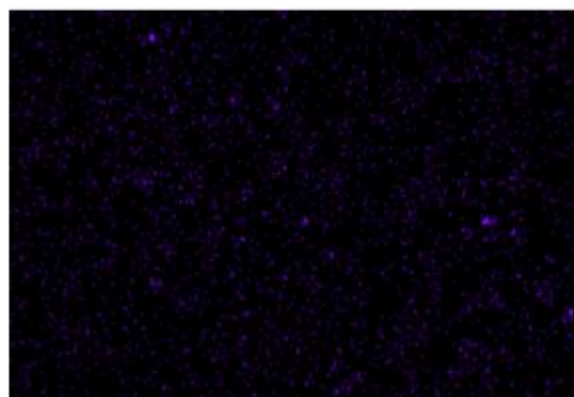
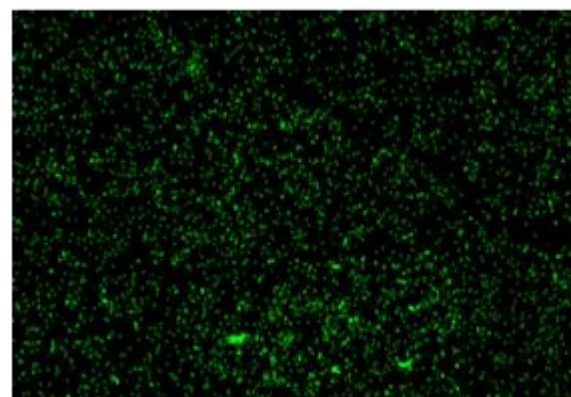
Si K α 110 μ mAl K α 110 μ mC K α 1_210 μ mK K α 110 μ mTi K α 110 μ mS K α 110 μ m



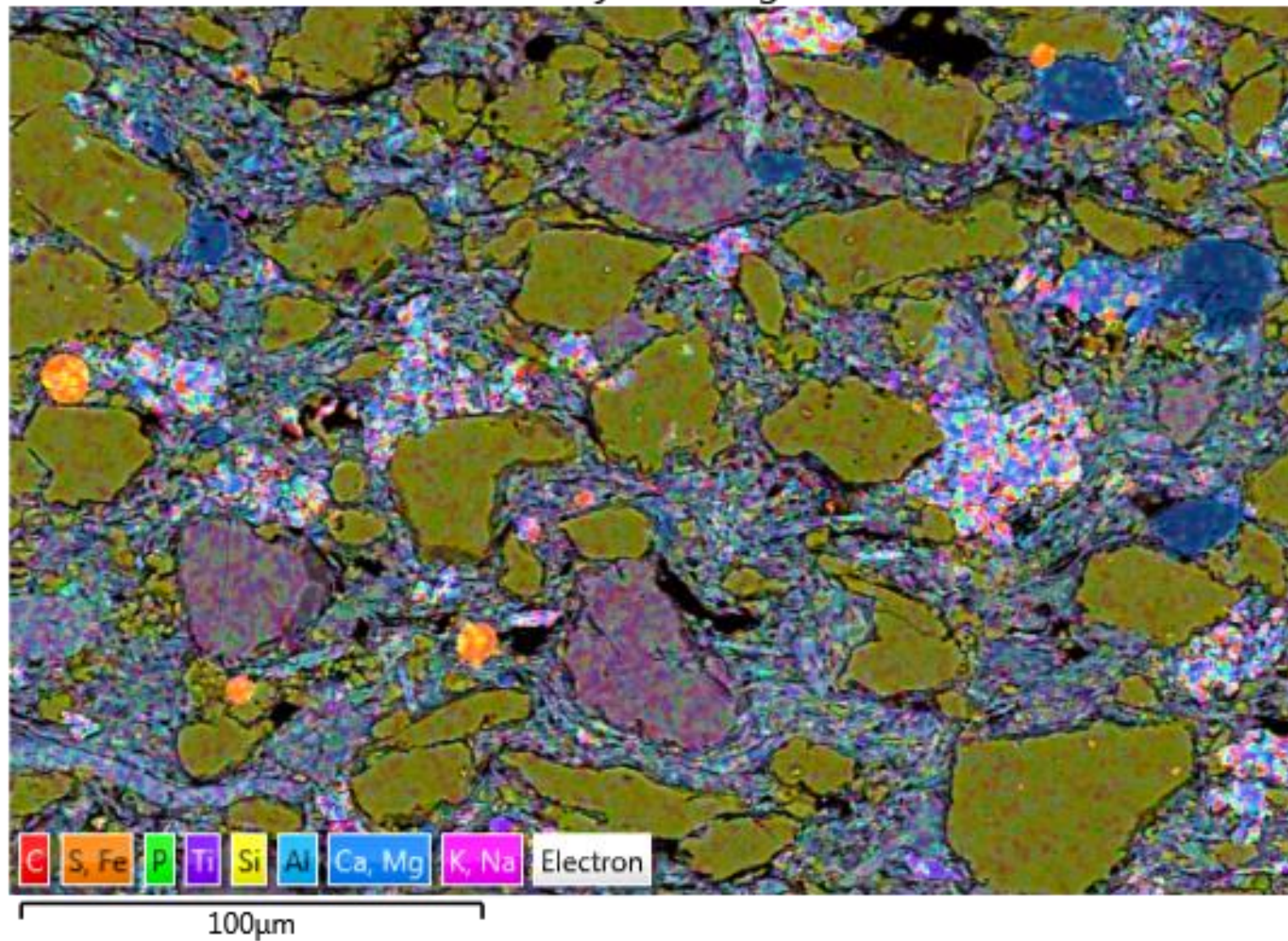
EDS Layered Image 2

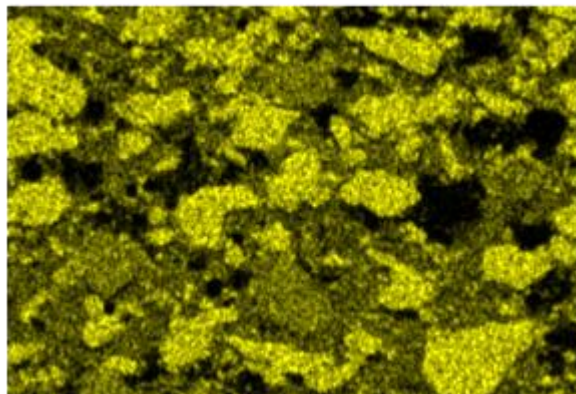


Si K α 150 μ mAl K α 150 μ mC K α 1_250 μ mMg K α 1_250 μ mK K α 150 μ mS K α 150 μ m

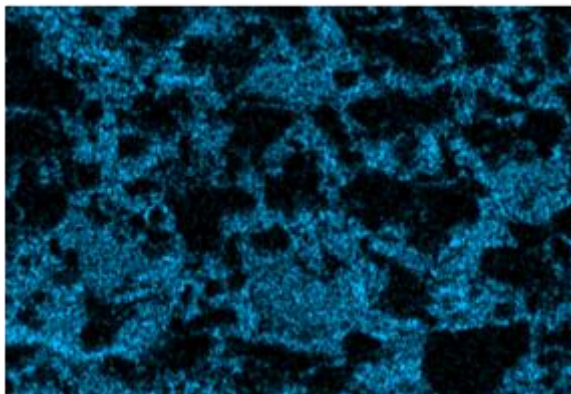
Fe K α 1Na K α 1_2Ca K α 1Ti K α 1P K α 1

EDS Layered Image 3

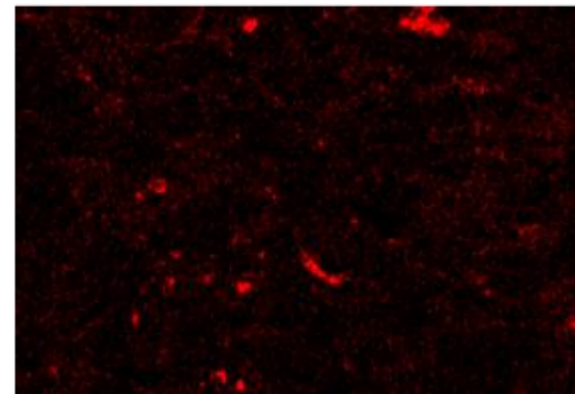


Si K α 1

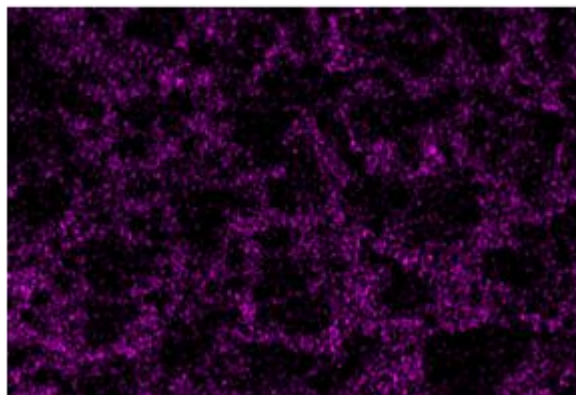
100μm

Al K α 1

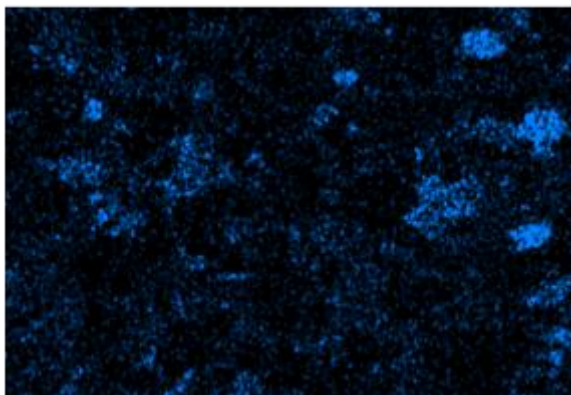
100μm

C K α 1_2

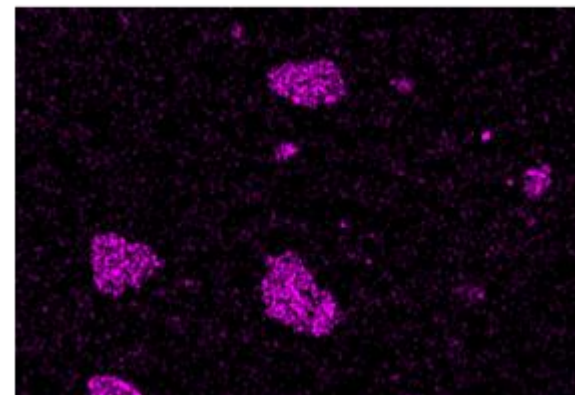
100μm

K K α 1

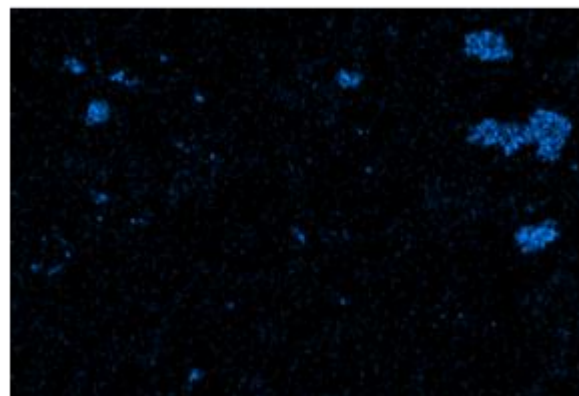
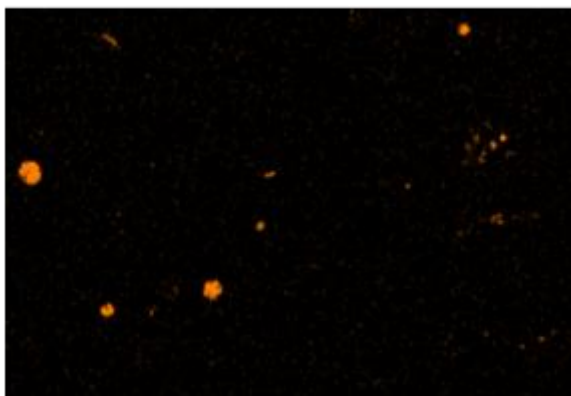
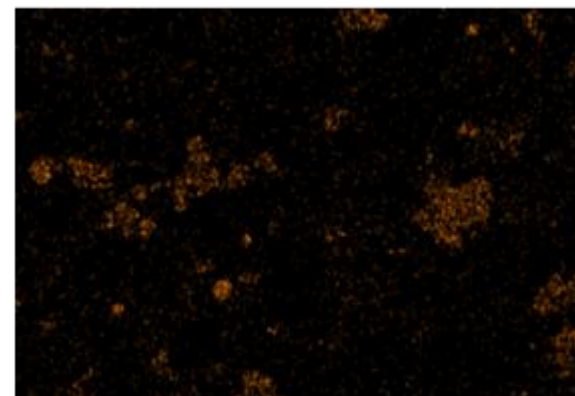
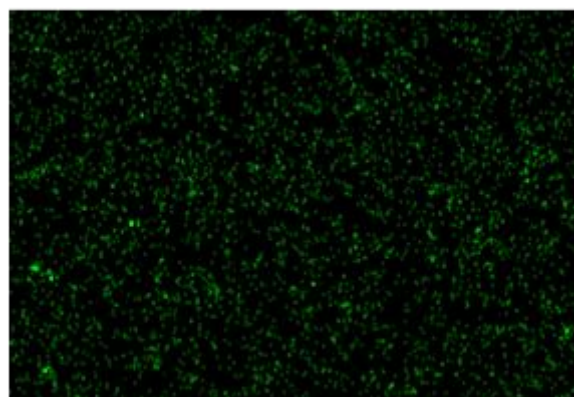
100μm

Mg K α 1_2

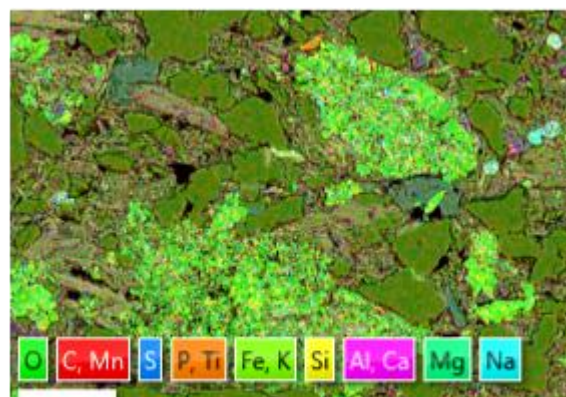
100μm

Na K α 1_2

100μm

Ca K α 1100 μ mS K α 1100 μ mFe K α 1100 μ mP K α 1100 μ m

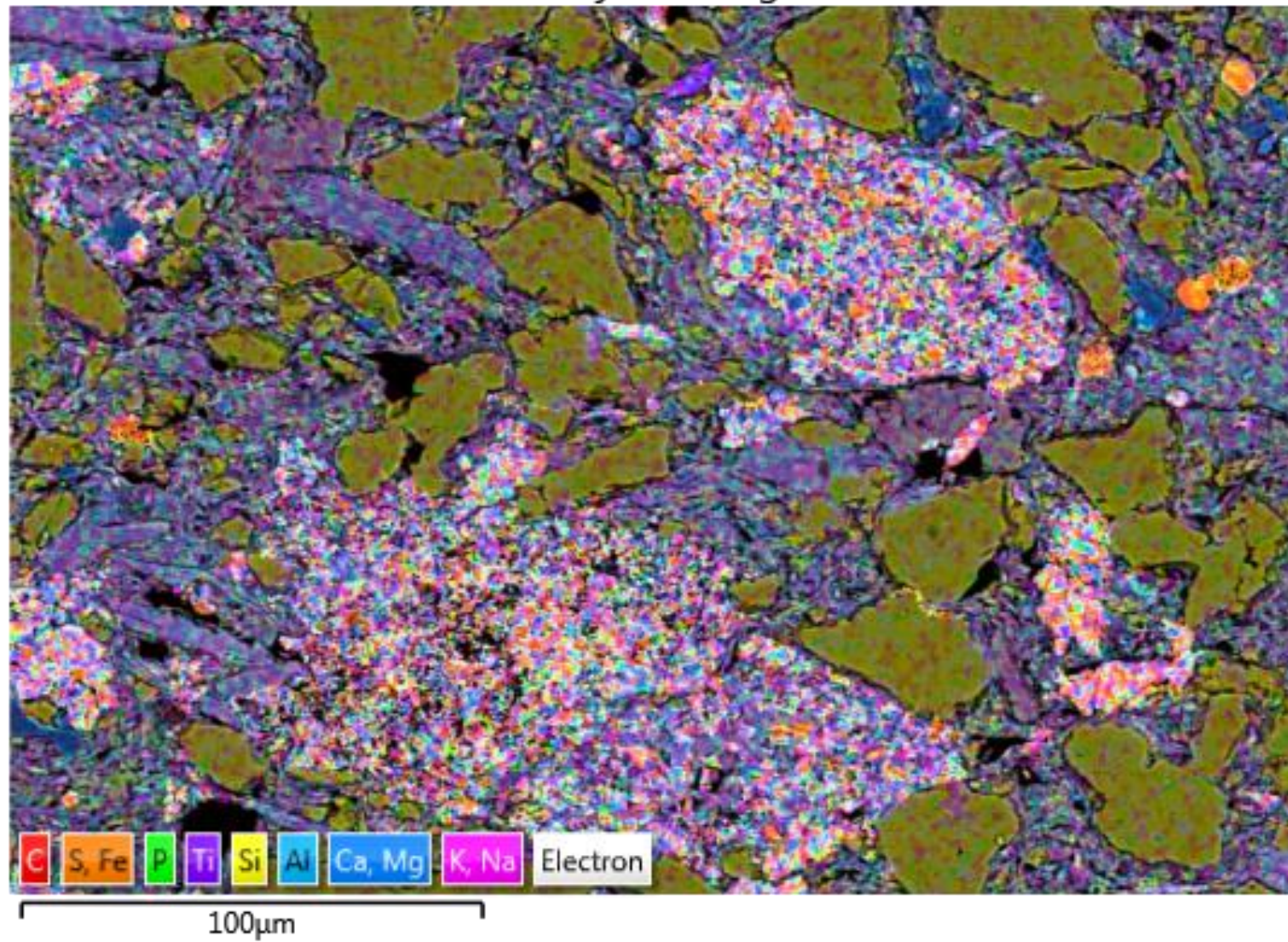
EDS Layered Image 4

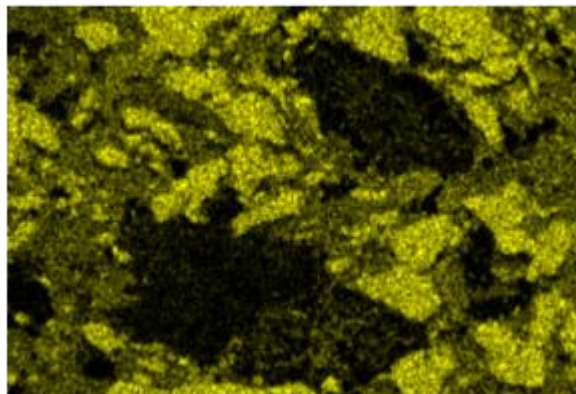


Electron

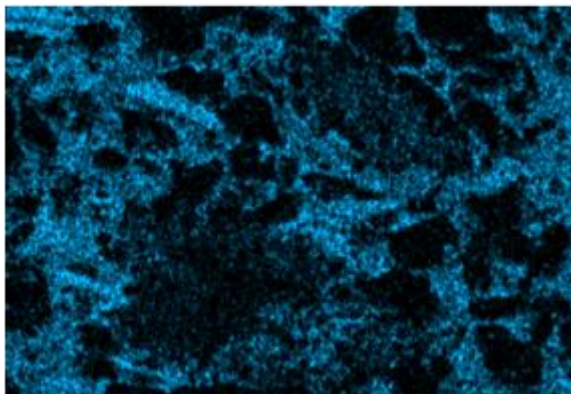
100 μ m

EDS Layered Image 4

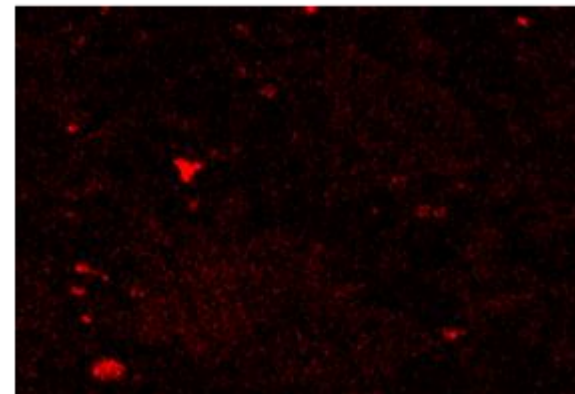


Si K α 1

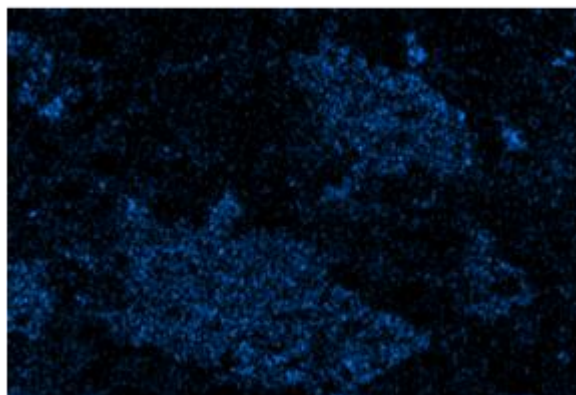
100μm

Al K α 1

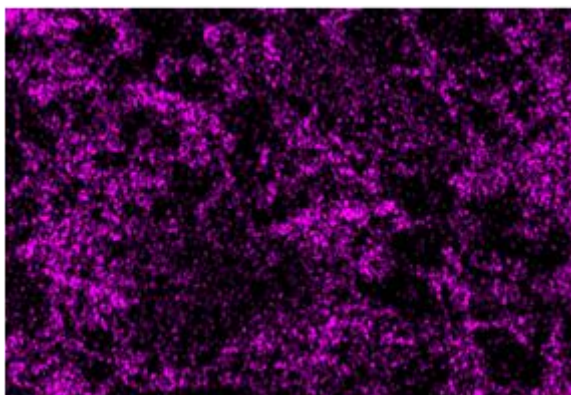
100μm

C K α 1_2

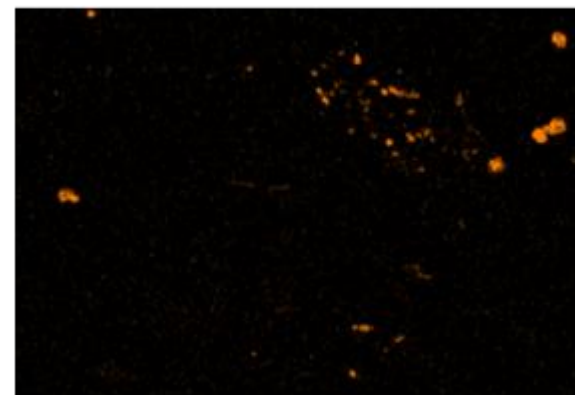
100μm

Mg K α 1_2

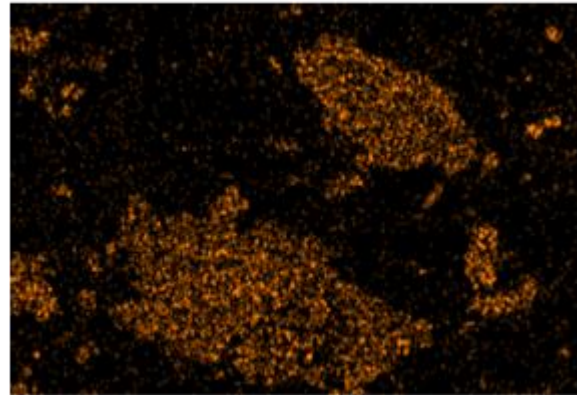
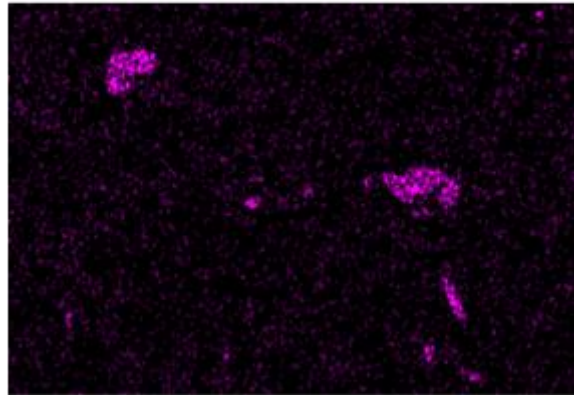
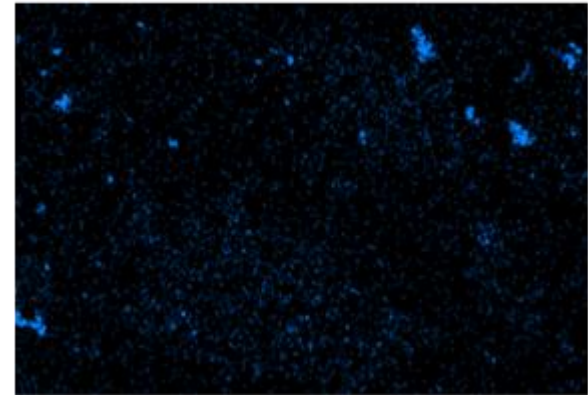
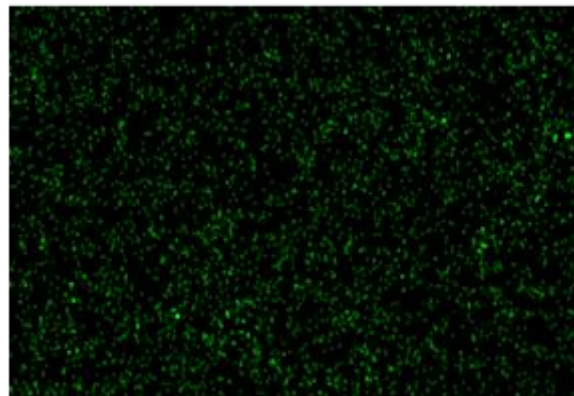
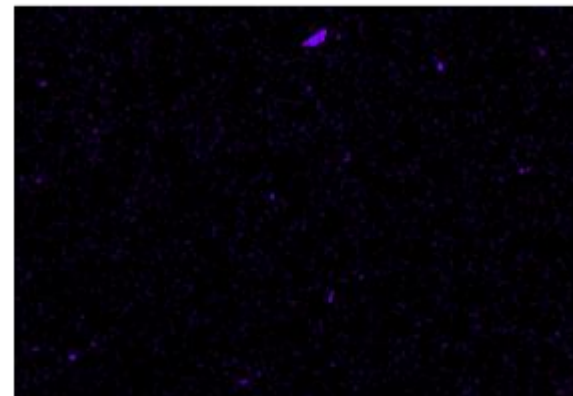
100μm

K K α 1

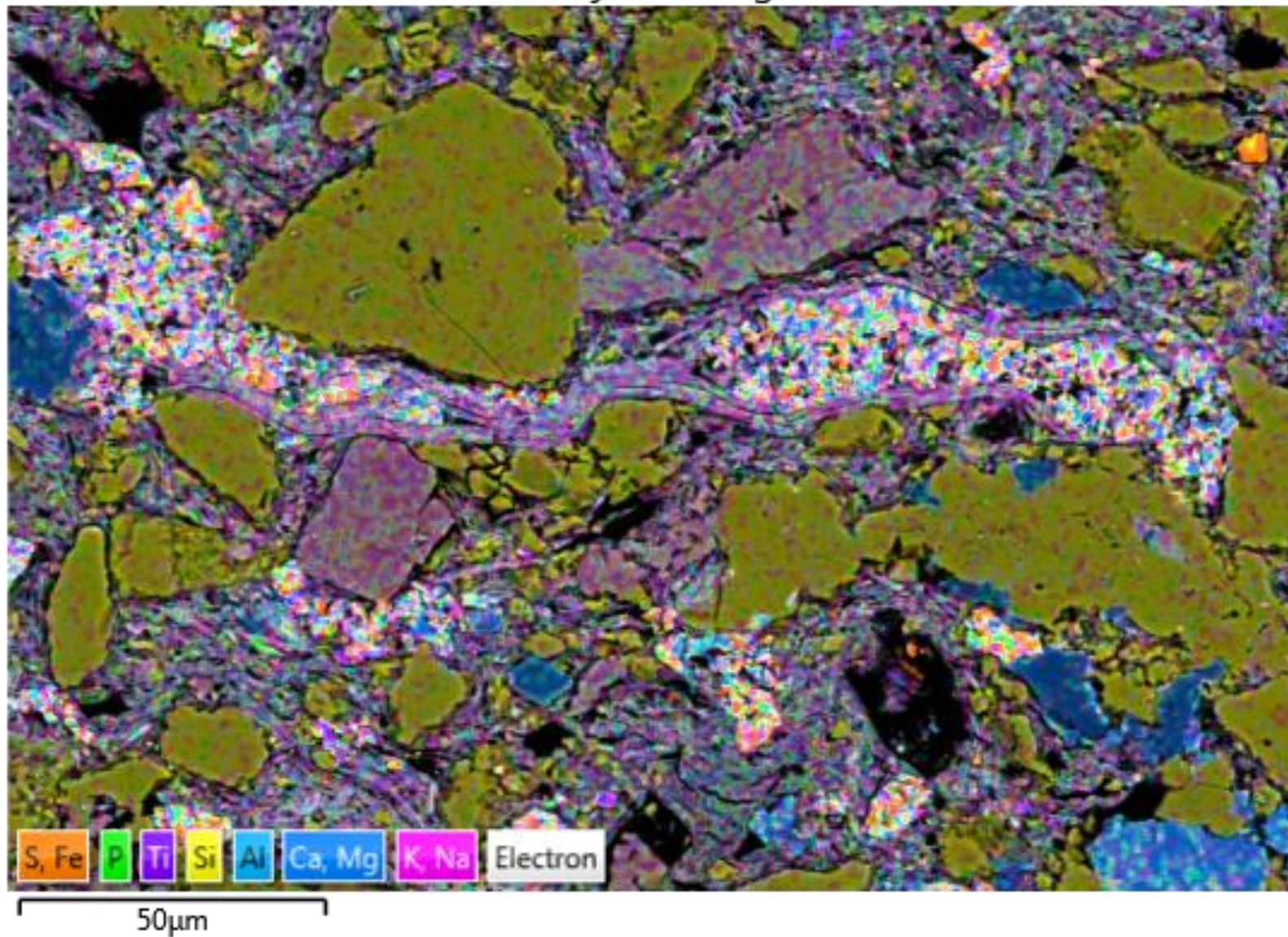
100μm

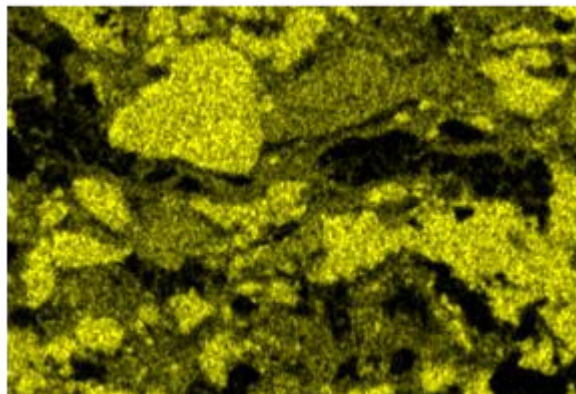
S K α 1

100μm

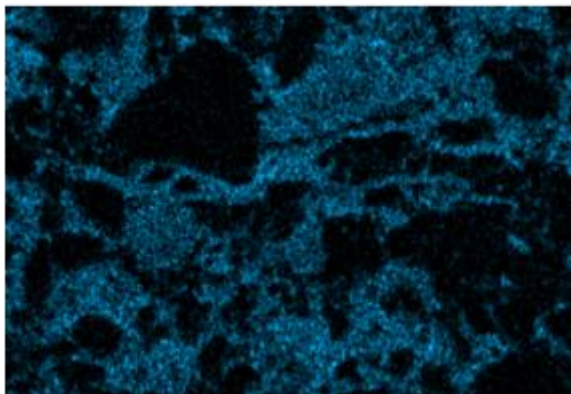
Fe K α 1Na K α 1_2Ca K α 1P K α 1Ti K α 1

EDS Layered Image 5

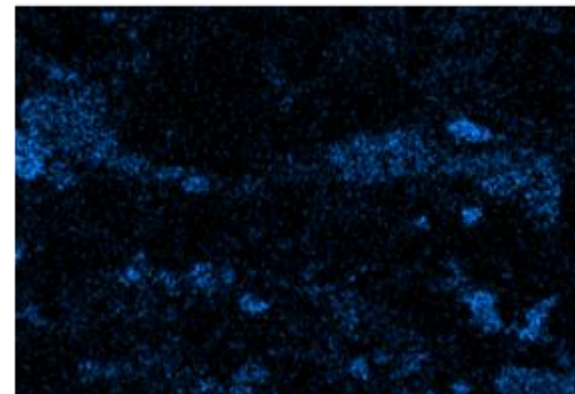


Si K α 1

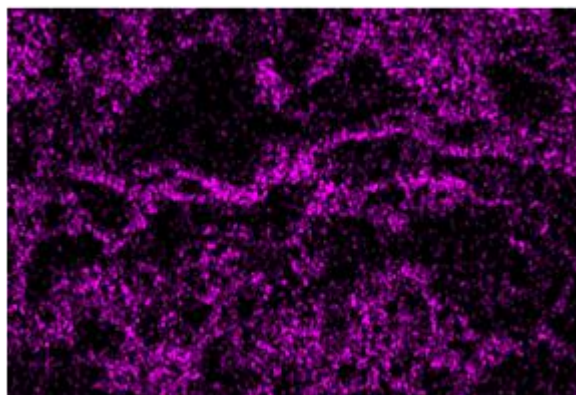
50μm

Al K α 1

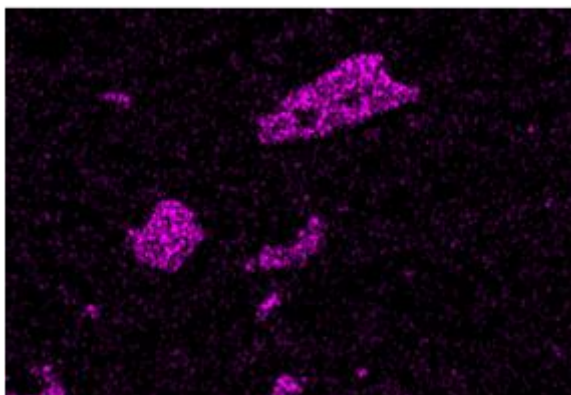
50μm

Mg K α 1_2

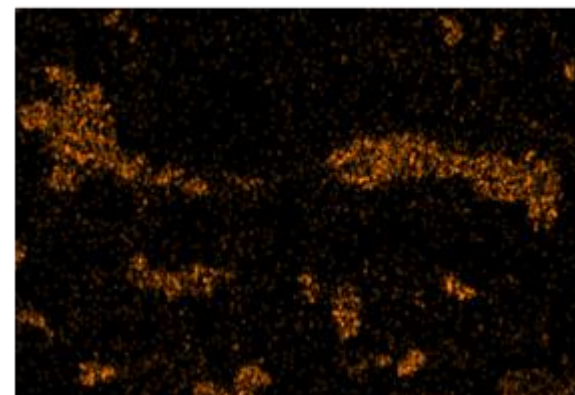
50μm

K K α 1

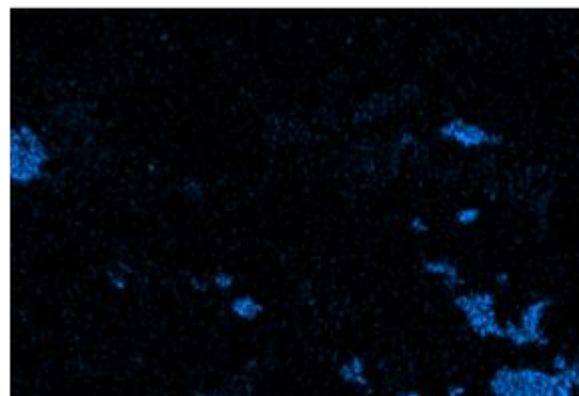
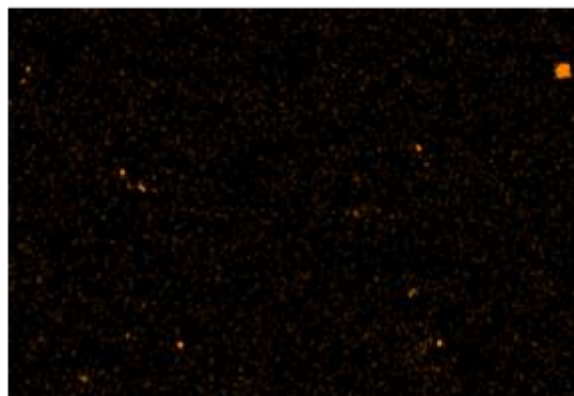
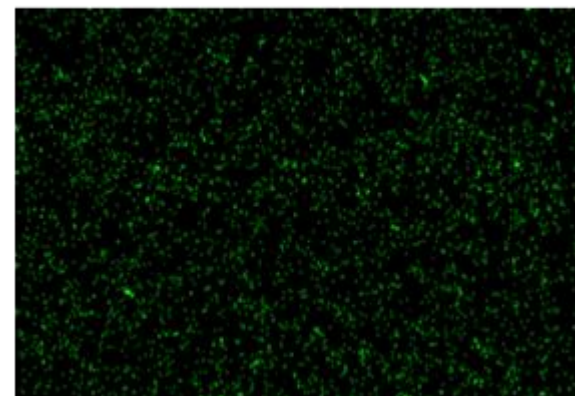
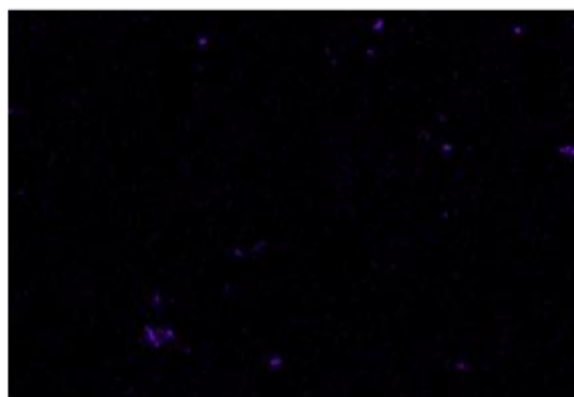
50μm

Na K α 1_2

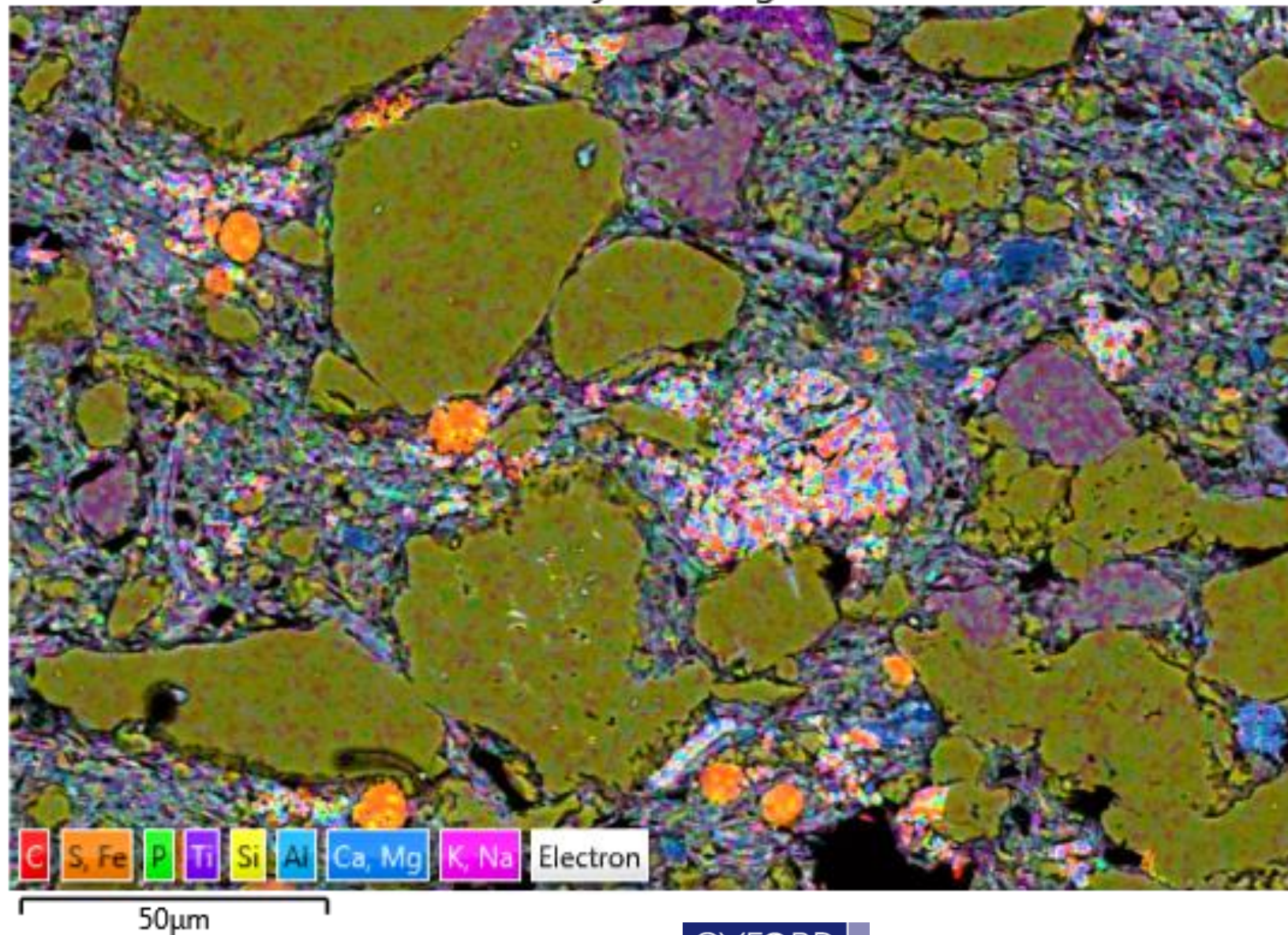
50μm

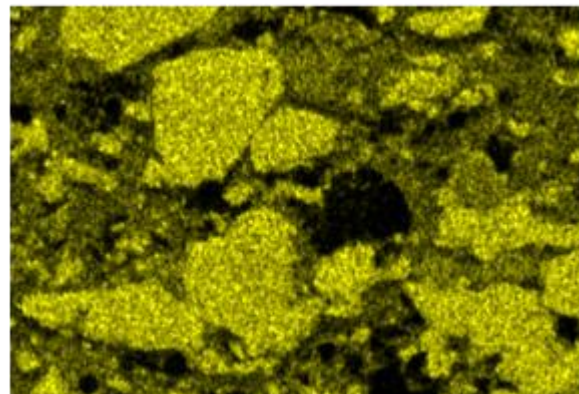
Fe K α 1

50μm

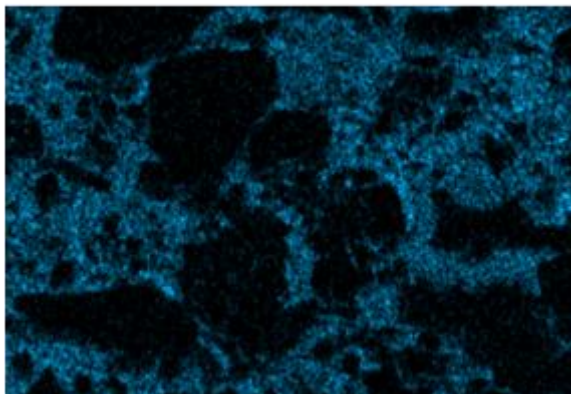
Ca K α 1S K α 1P K α 1Ti K α 1

EDS Layered Image 6

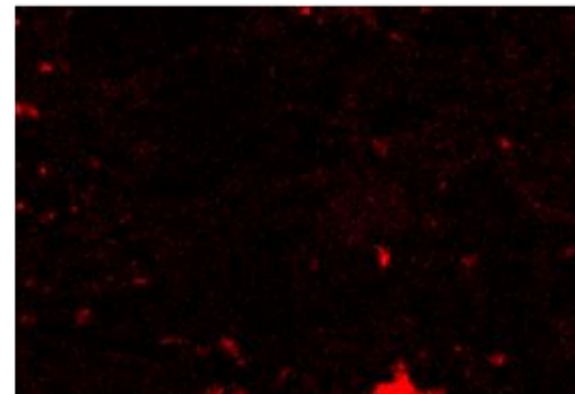


Si K α 1

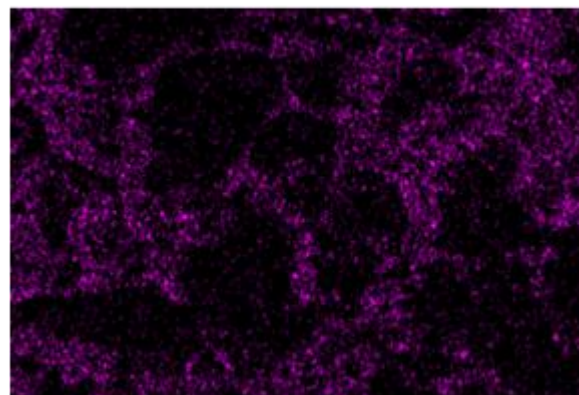
50μm

Al K α 1

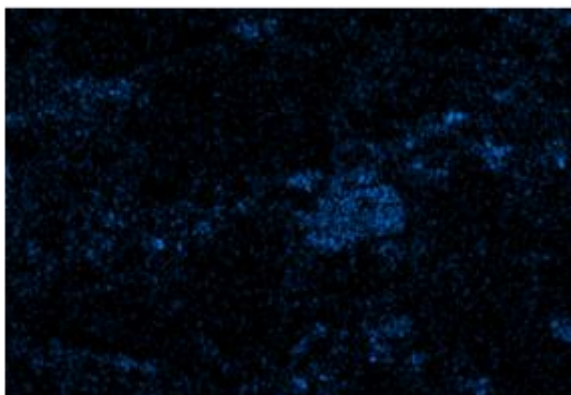
50μm

C K α 1_2

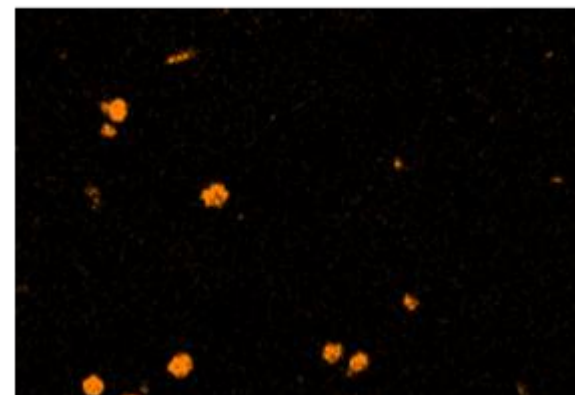
50μm

K K α 1

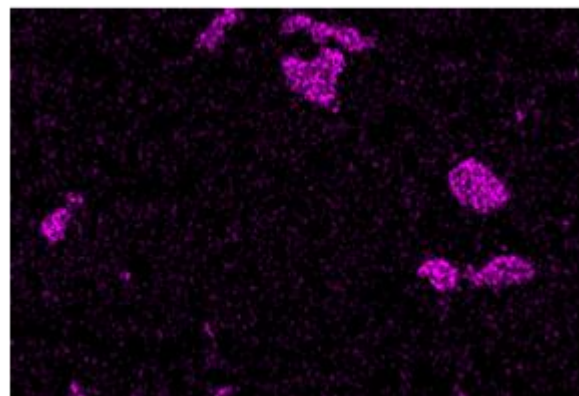
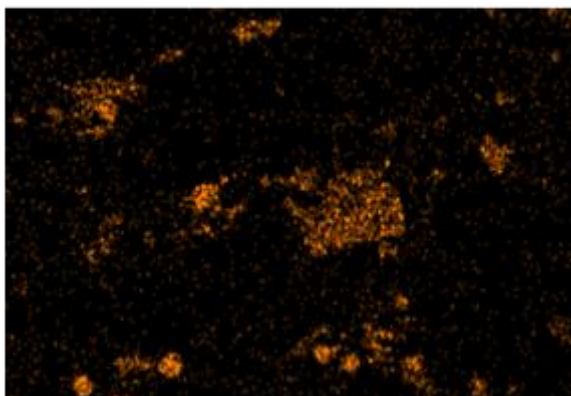
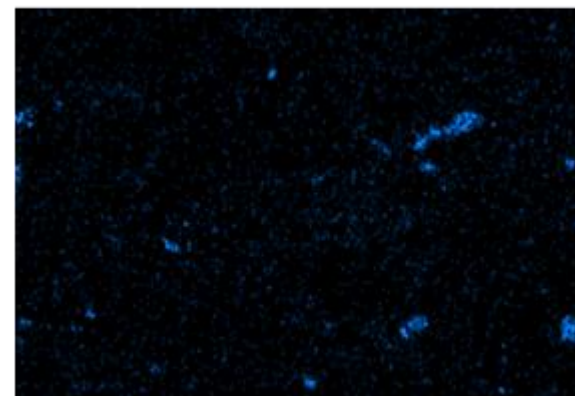
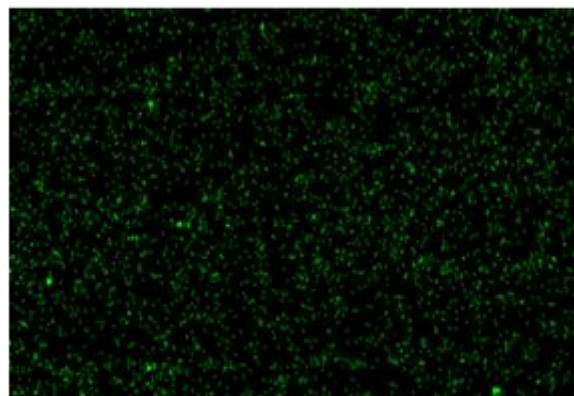
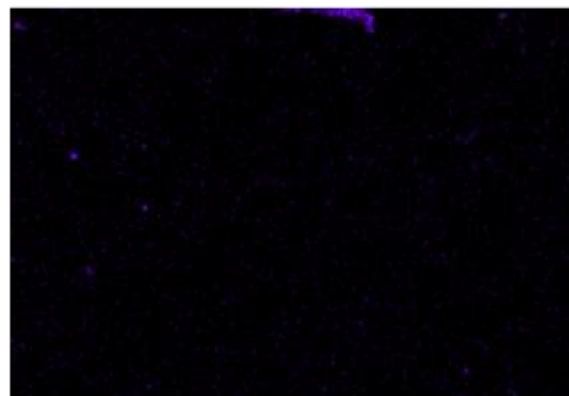
50μm

Mg K α 1_2

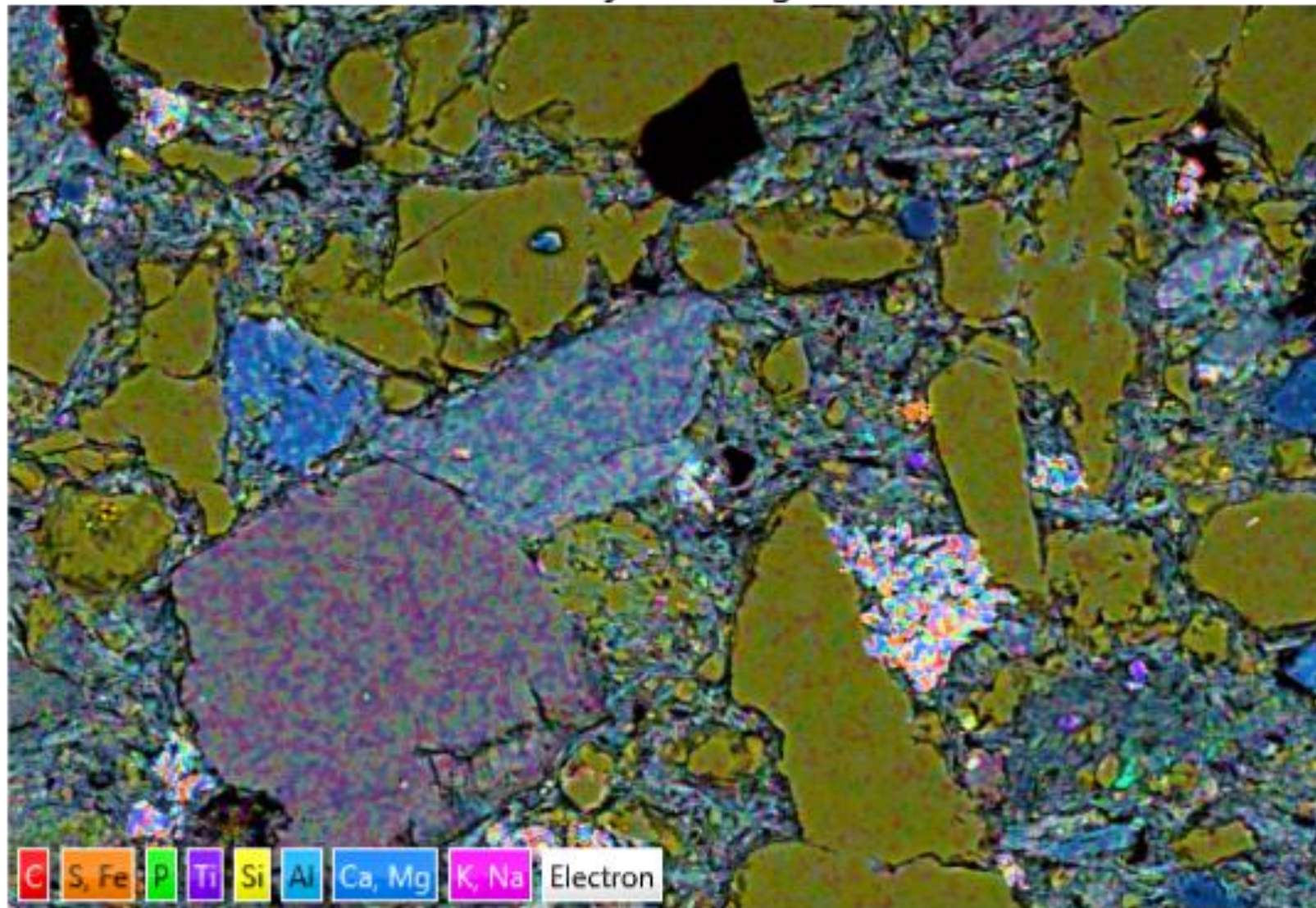
50μm

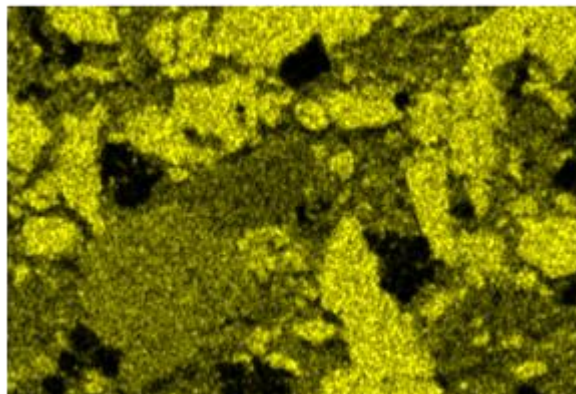
S K α 1

50μm

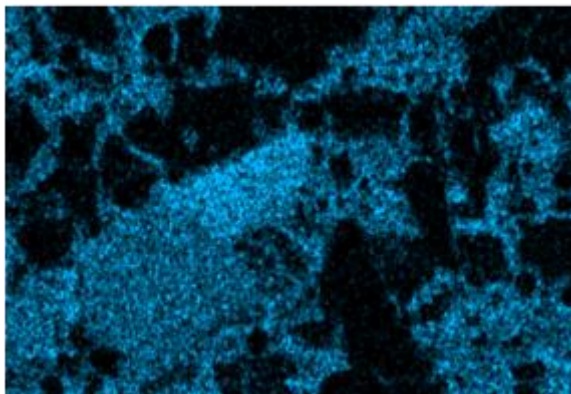
Na K α 1_2Fe K α 1Ca K α 1P K α 1Ti K α 1

EDS Layered Image 7

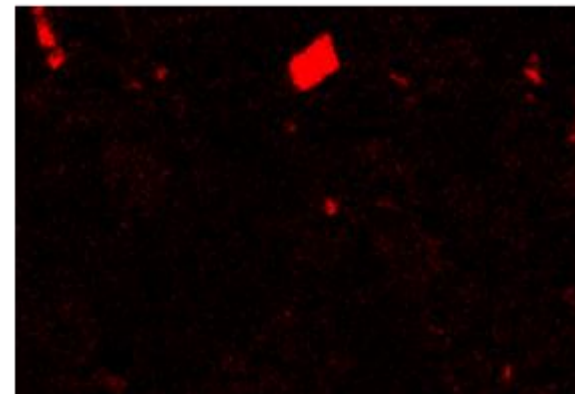


Si K α 1

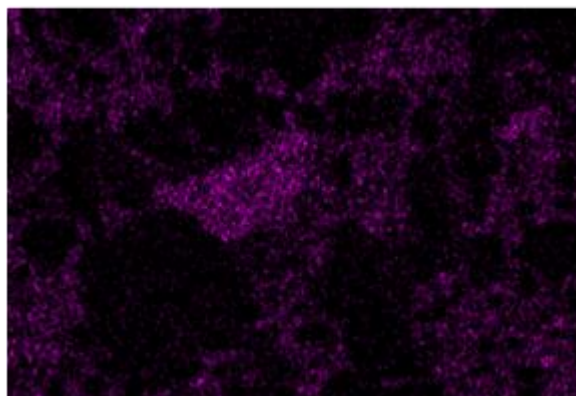
50μm

Al K α 1

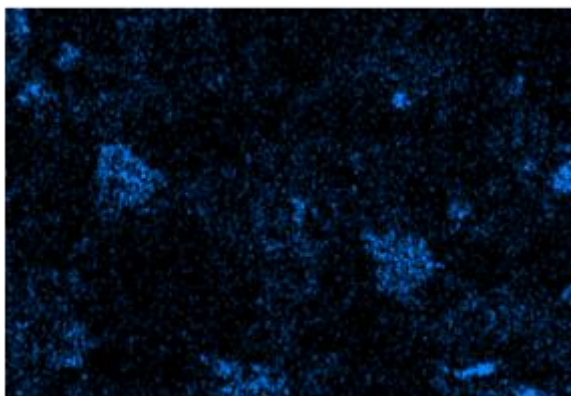
50μm

C K α 1_2

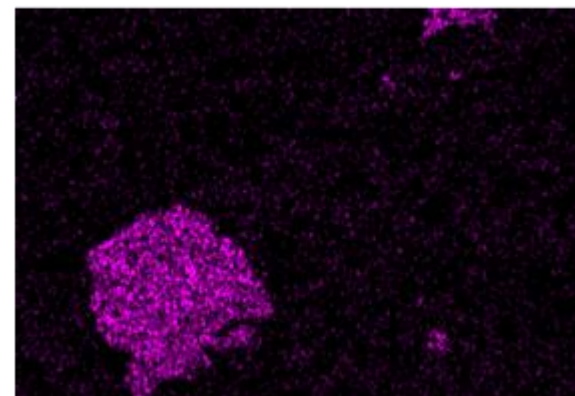
50μm

K K α 1

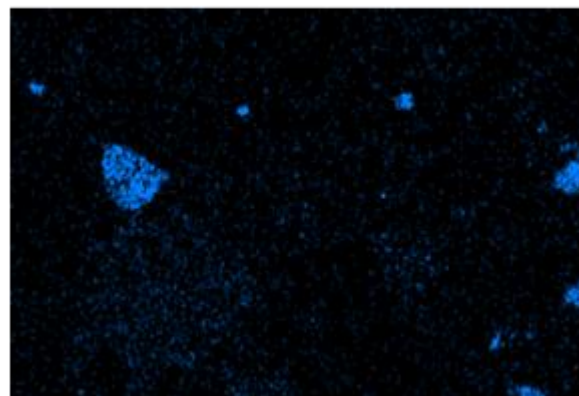
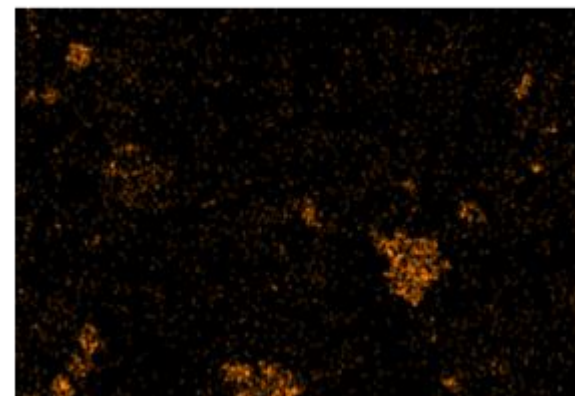
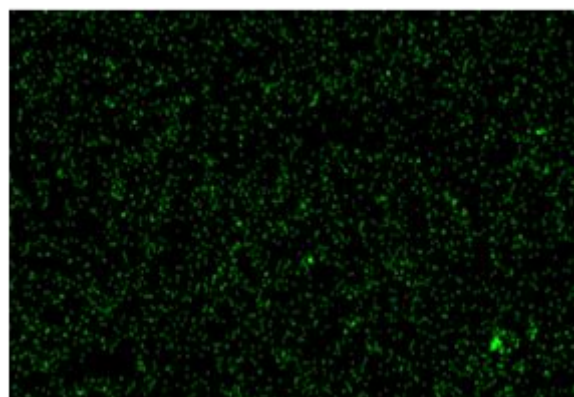
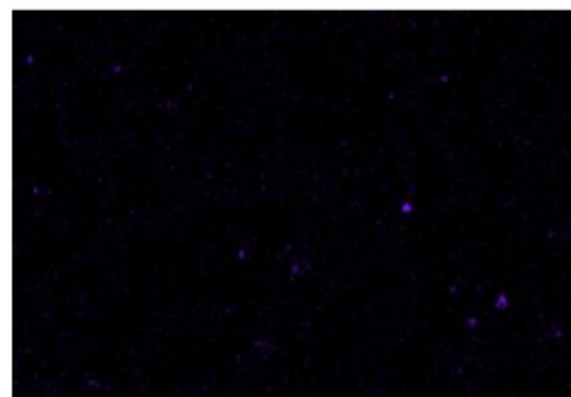
50μm

Mg K α 1_2

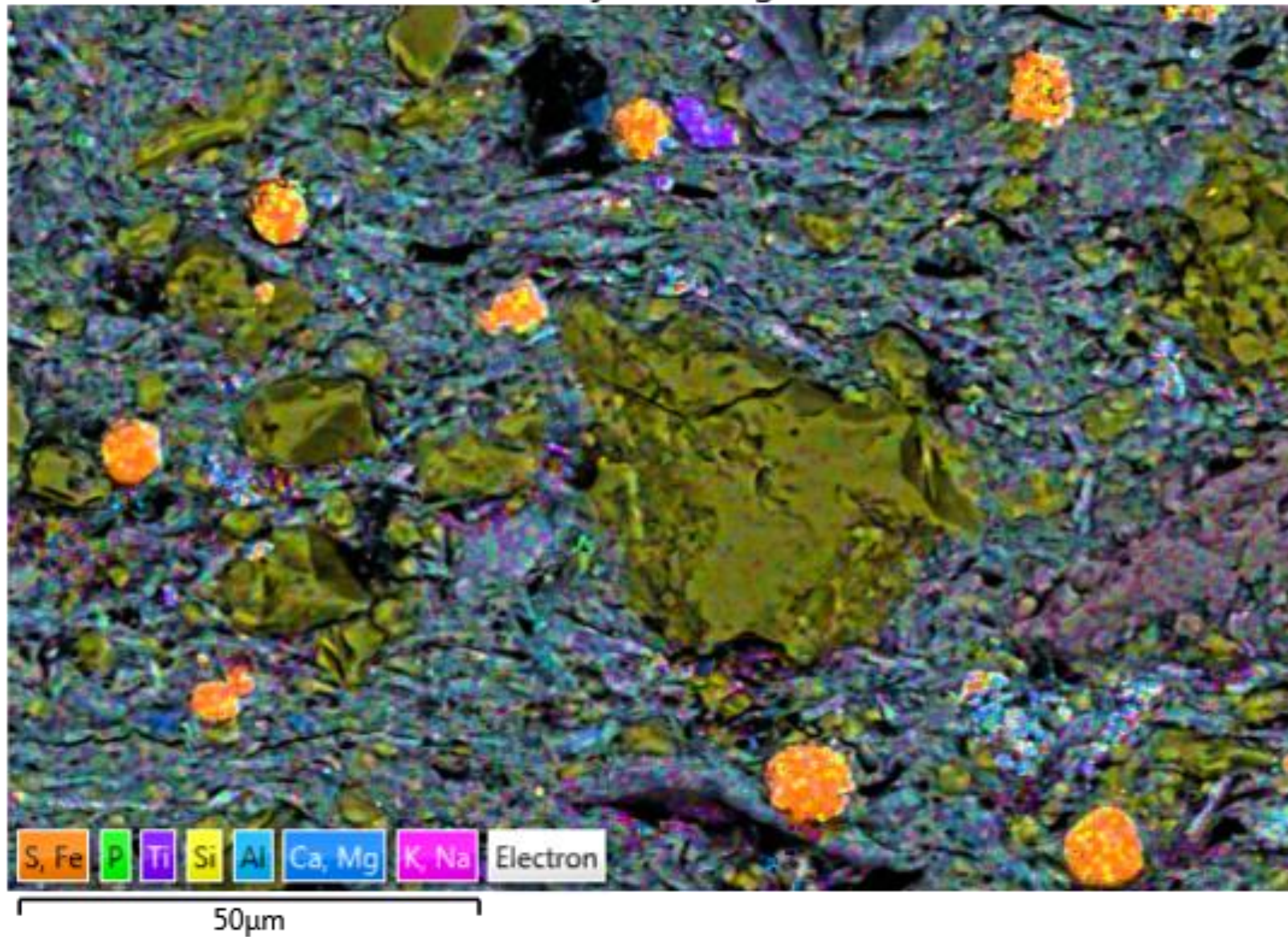
50μm

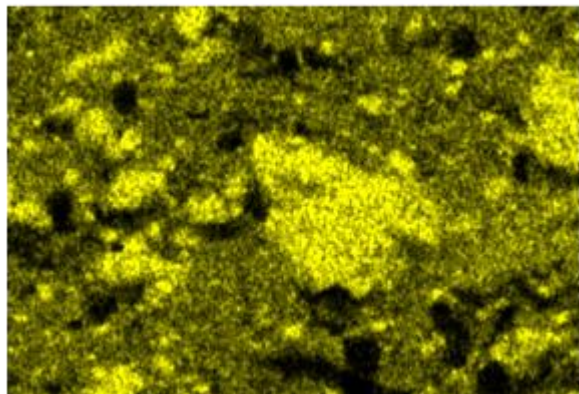
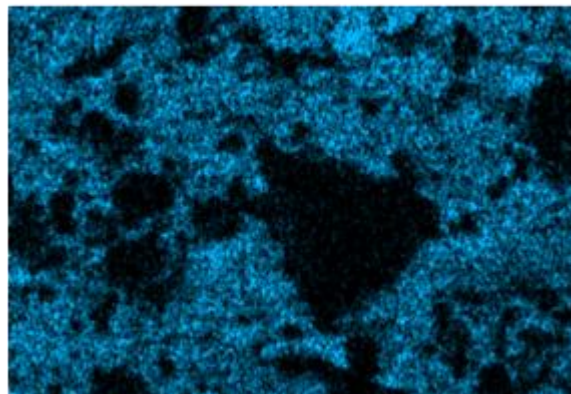
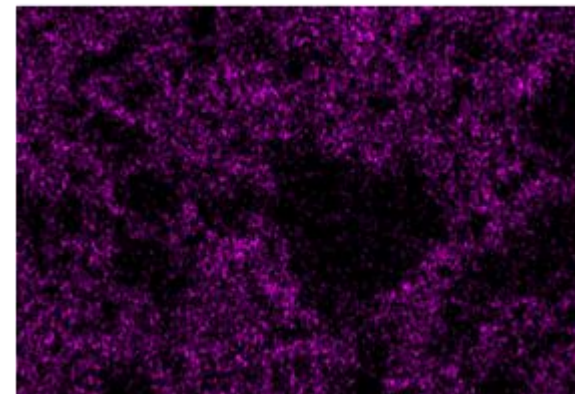
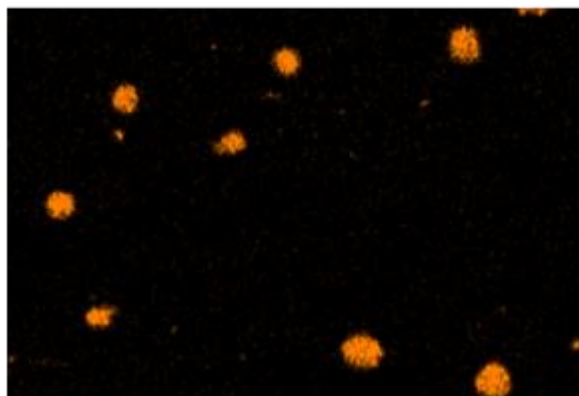
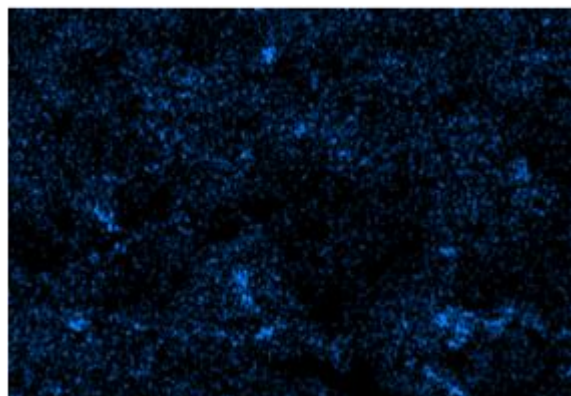
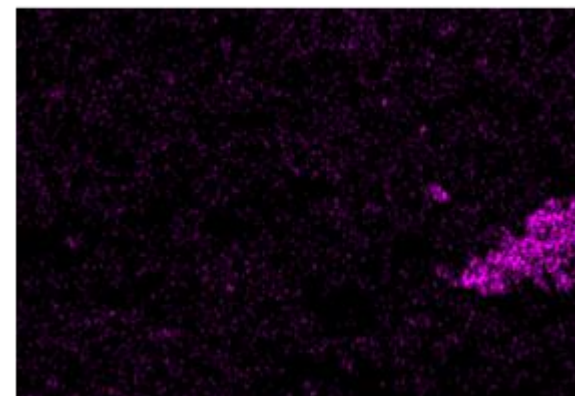
Na K α 1_2

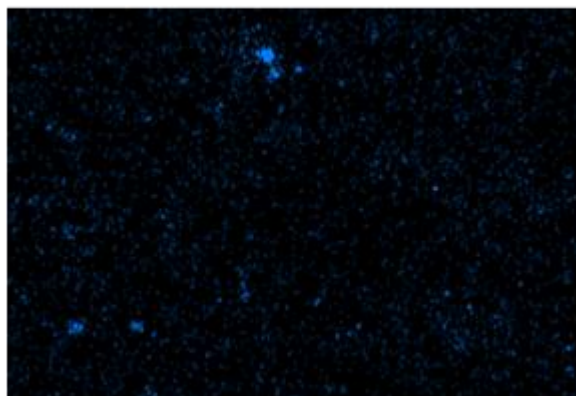
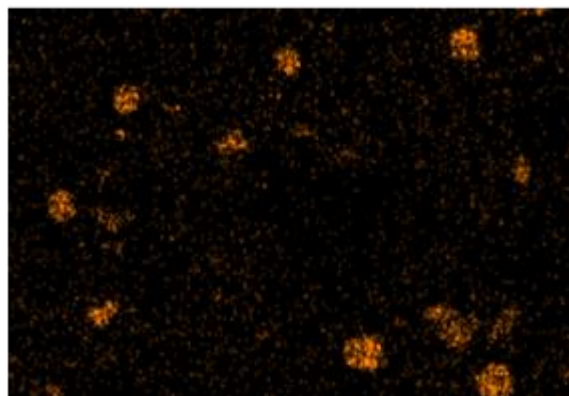
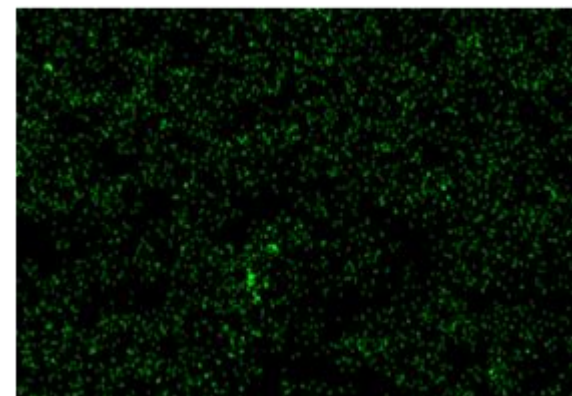
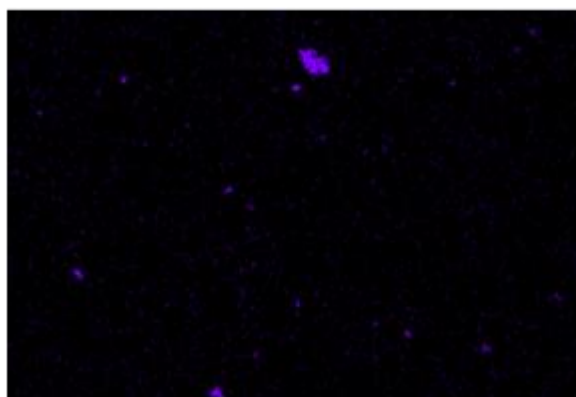
50μm

Ca K α 150 μ mS K α 150 μ mFe K α 150 μ mP K α 150 μ mTi K α 150 μ m

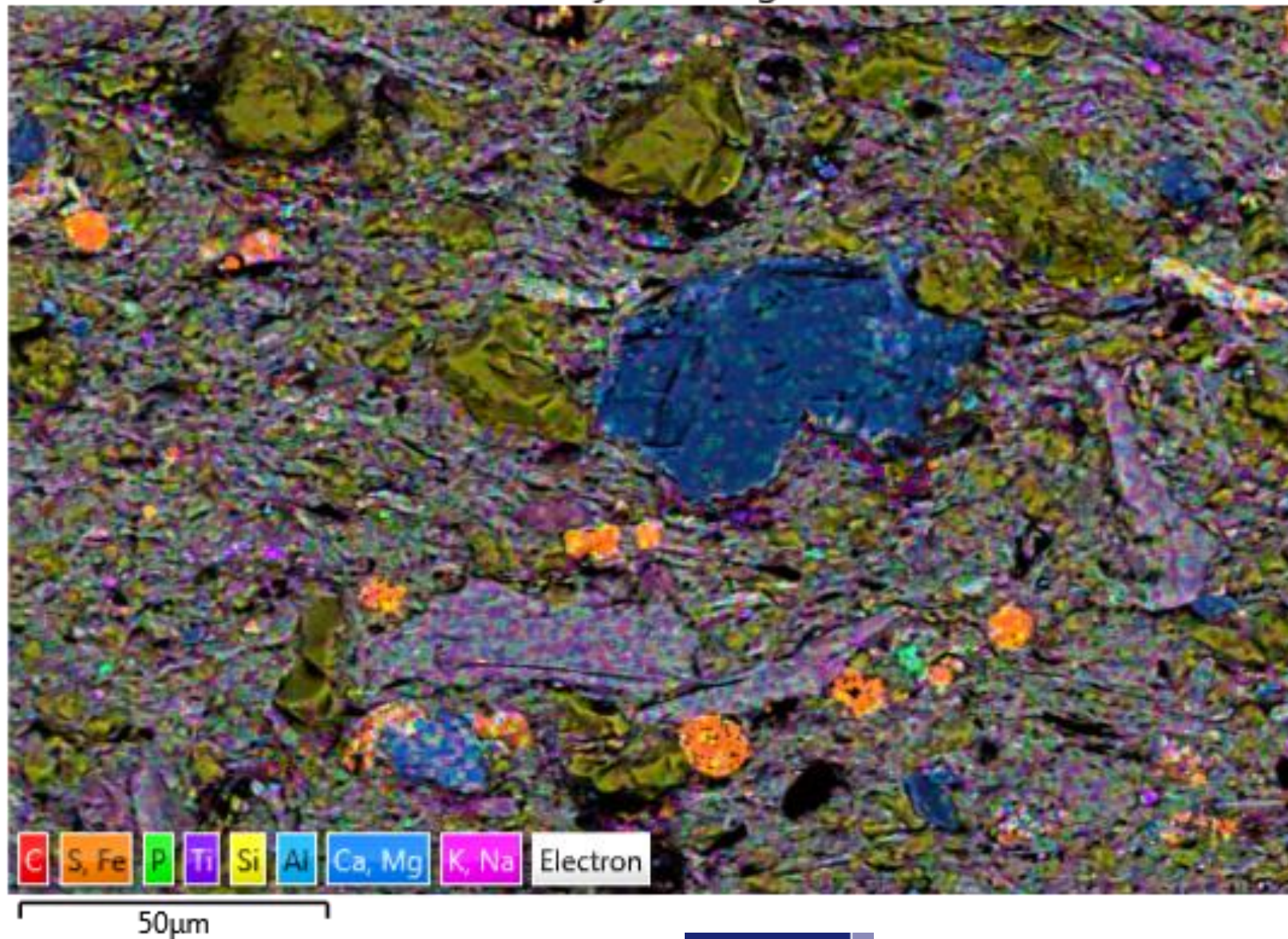
EDS Layered Image 1

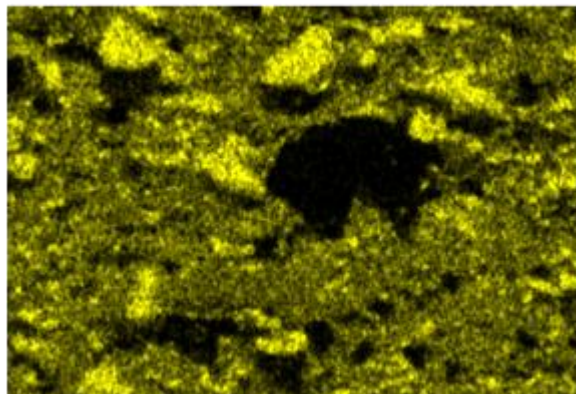
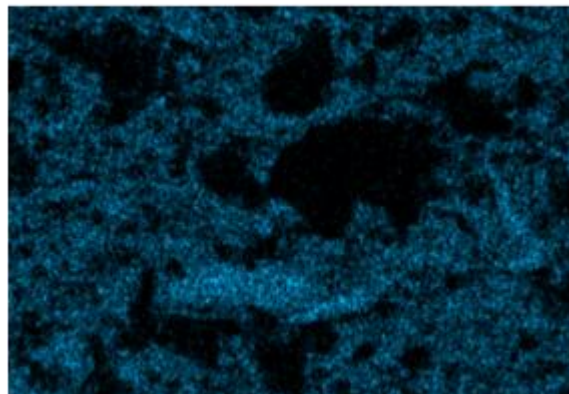
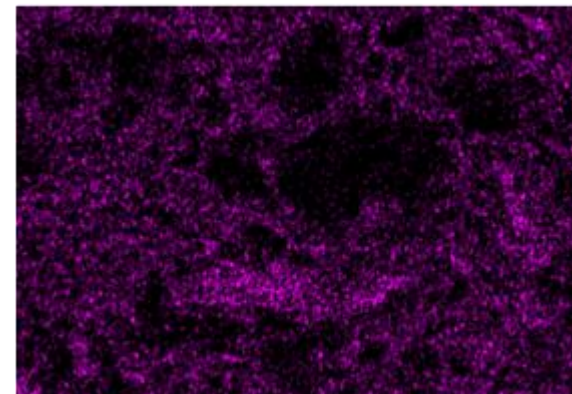
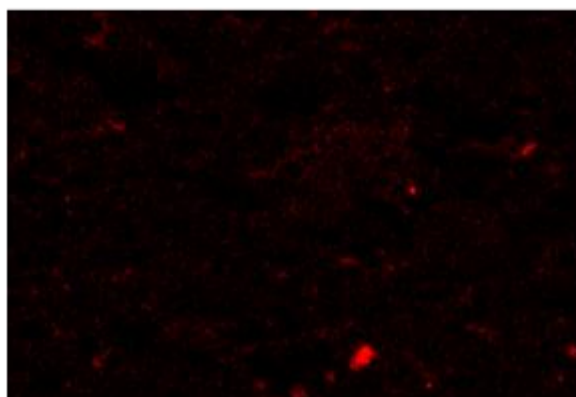
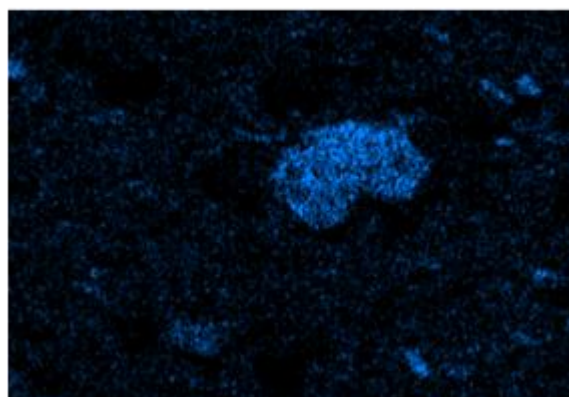
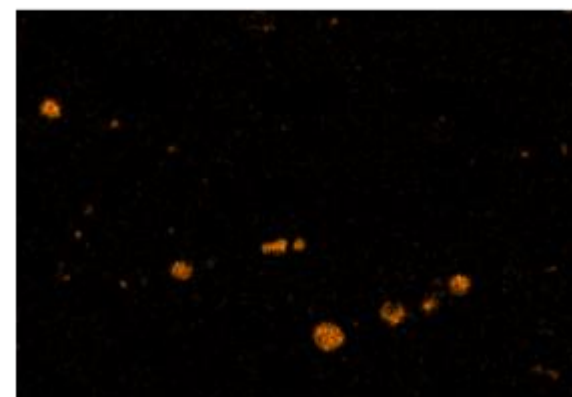


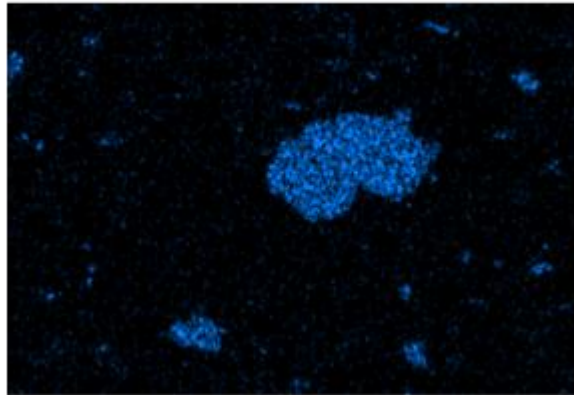
Si K α 150 μ mAl K α 150 μ mK K α 150 μ mS K α 150 μ mMg K α 1_250 μ mNa K α 1_250 μ m

Ca K α 1Fe K α 1P K α 1Ti K α 1

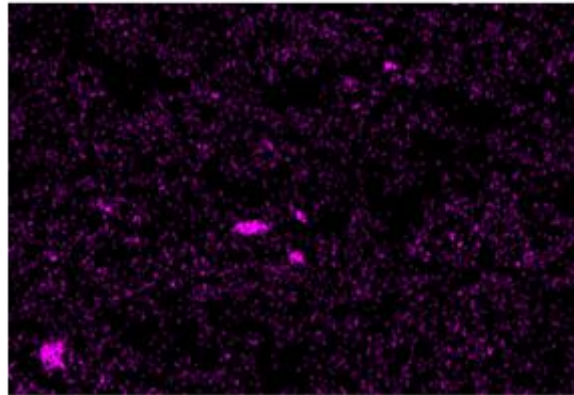
EDS Layered Image 2



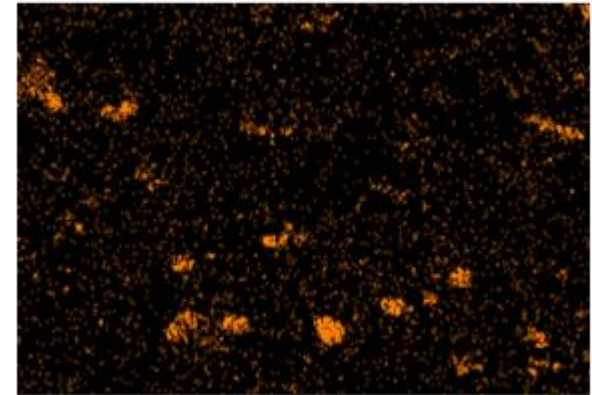
Si K α 1Al K α 1K K α 1C K α 1_2Mg K α 1_2S K α 1

Ca K α 1

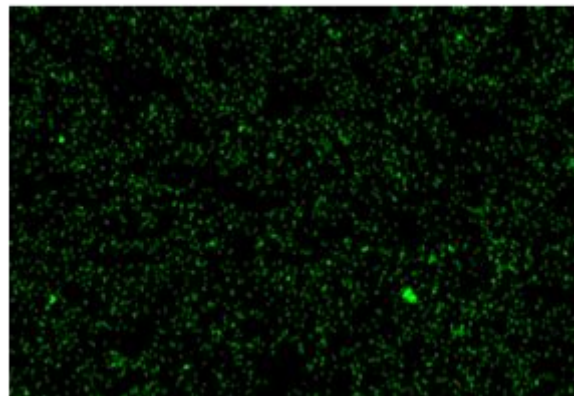
50μm

Na K α 1_2

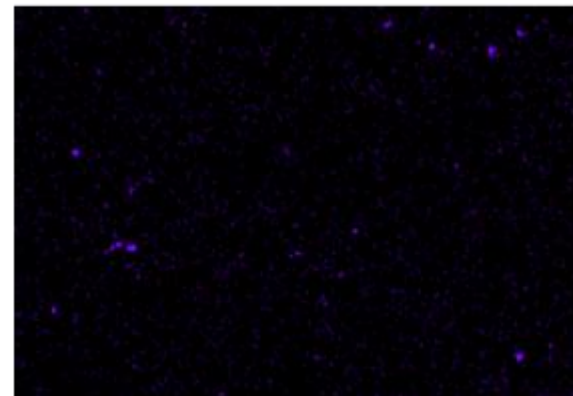
50μm

Fe K α 1

50μm

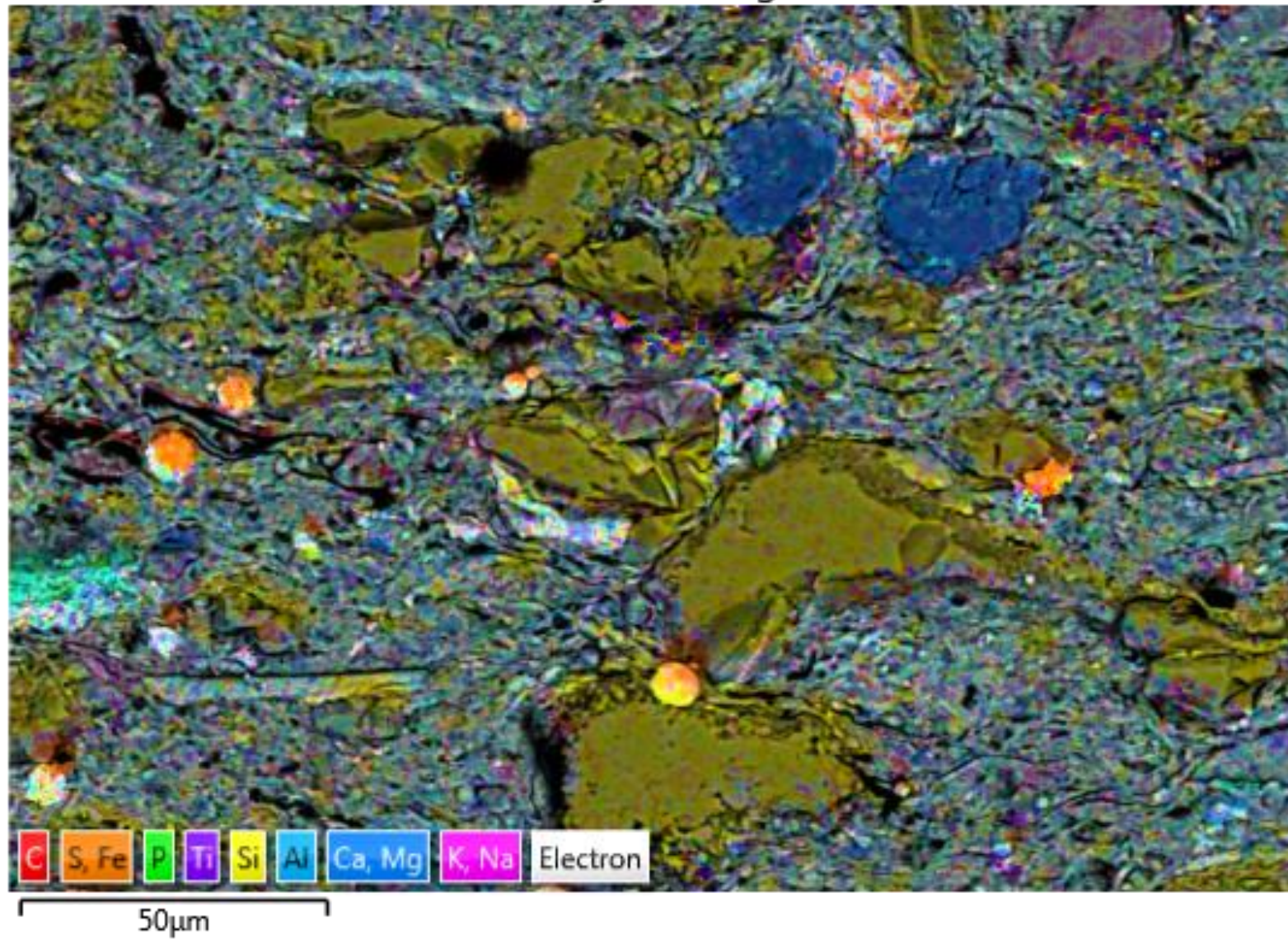
P K α 1

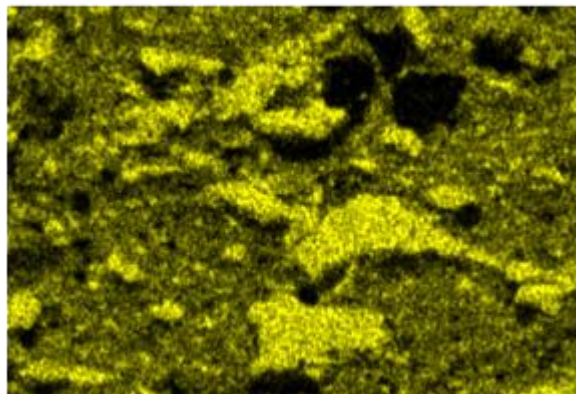
50μm

Ti K α 1

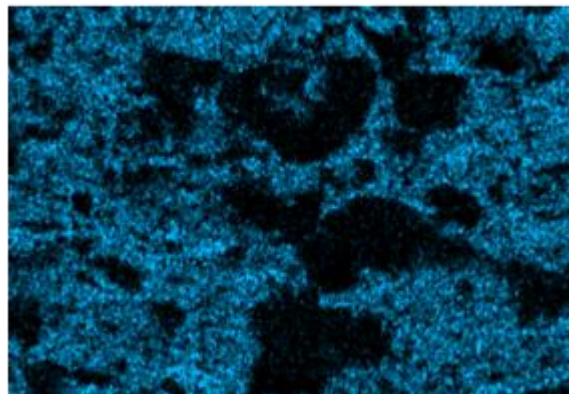
50μm

EDS Layered Image 1

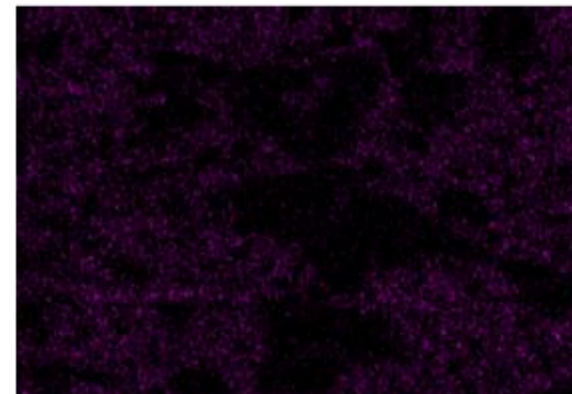


Si K α 1

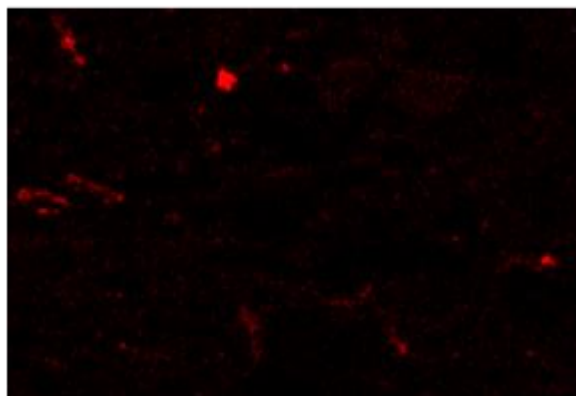
50μm

Al K α 1

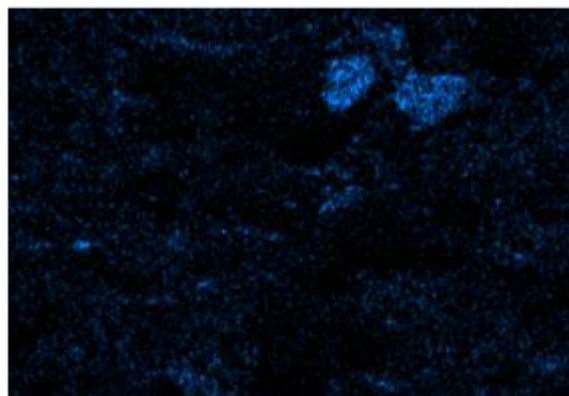
50μm

K K α 1

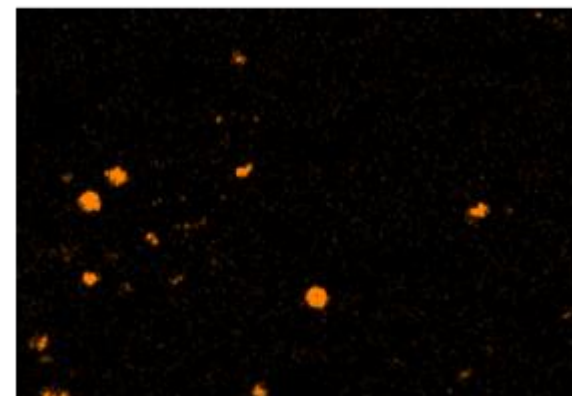
50μm

C K α 1_2

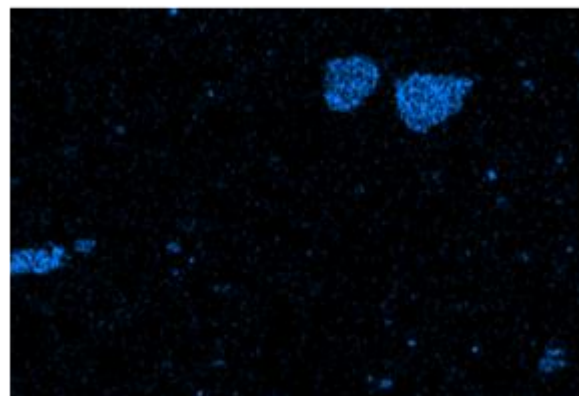
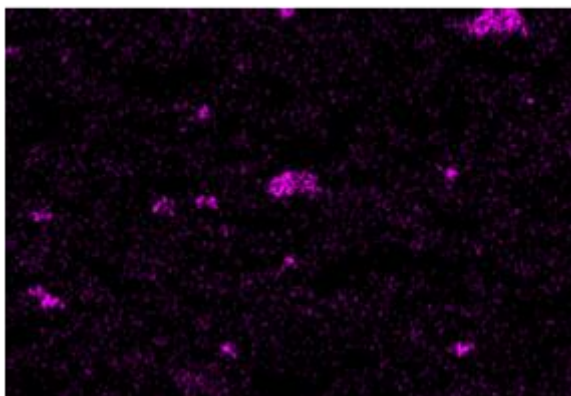
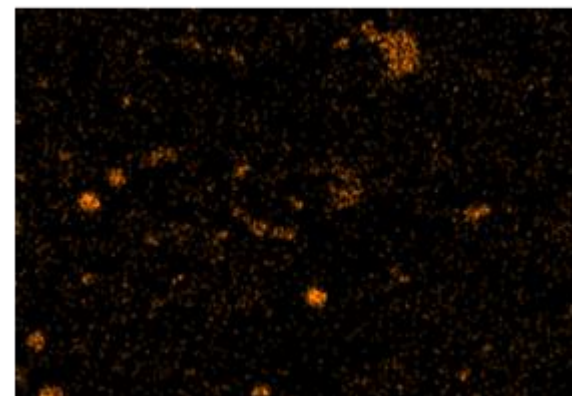
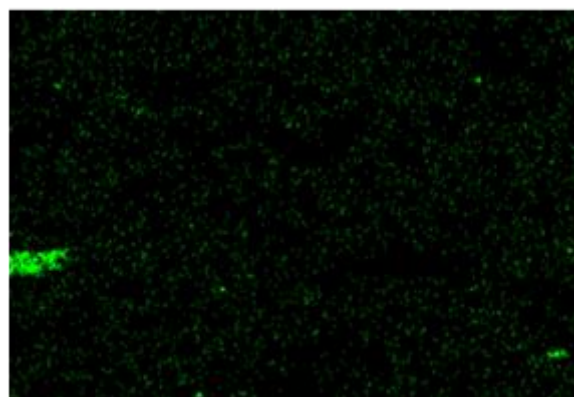
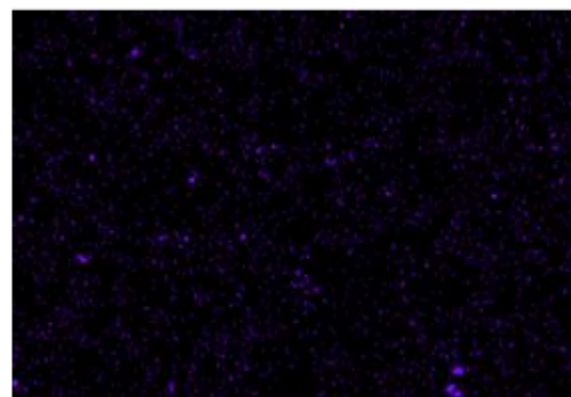
50μm

Mg K α 1_2

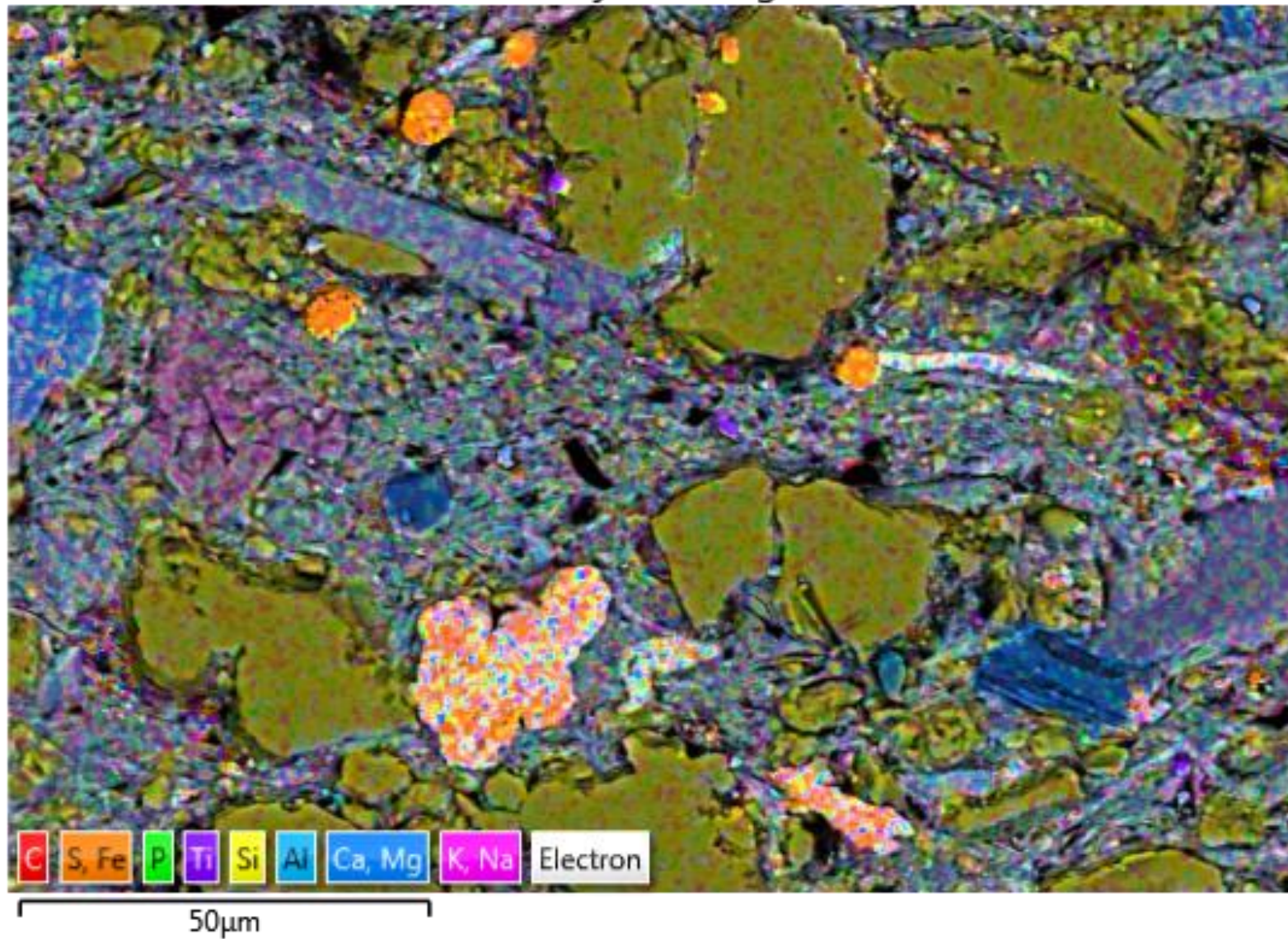
50μm

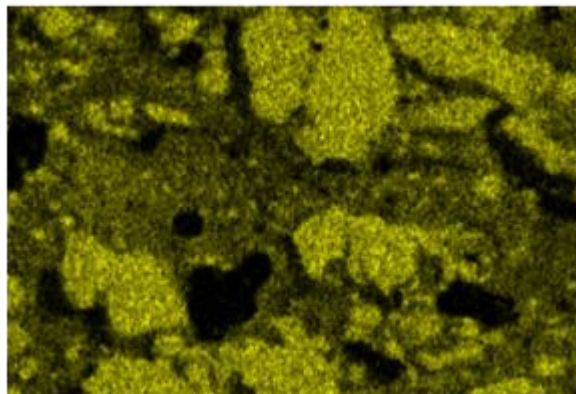
S K α 1

50μm

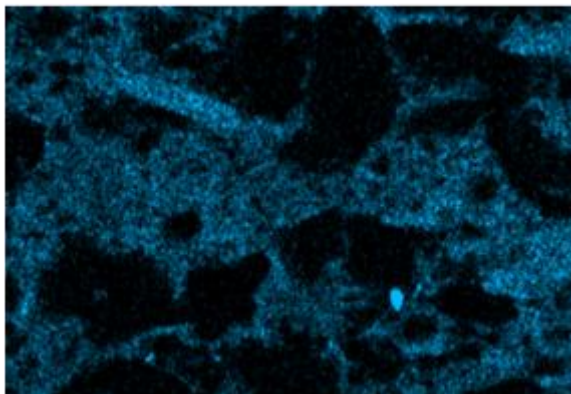
Ca K α 150 μ mNa K α 1_250 μ mFe K α 150 μ mP K α 150 μ mTi K α 150 μ m

EDS Layered Image 1

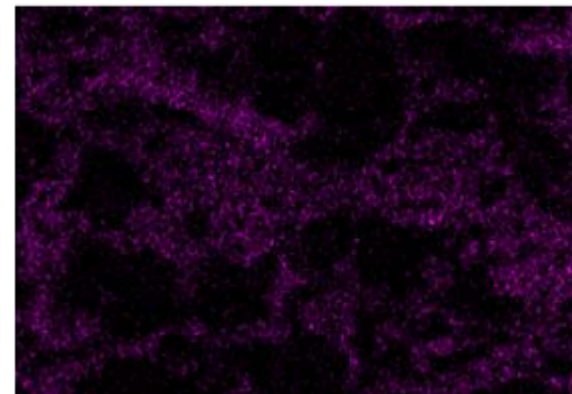


Si K α 1

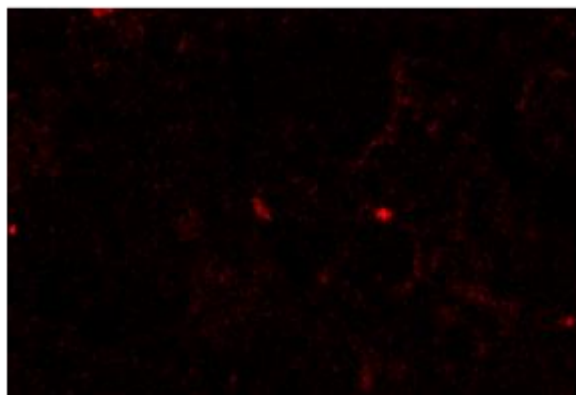
50μm

Al K α 1

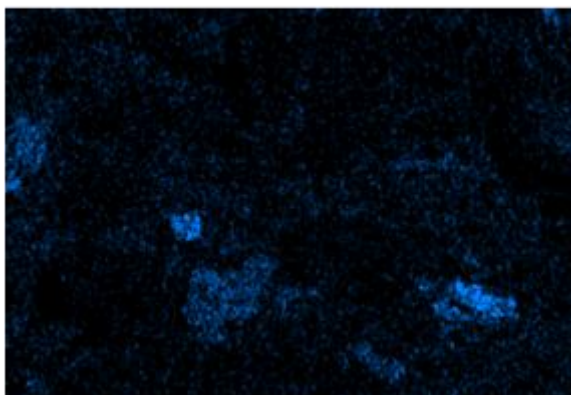
50μm

K K α 1

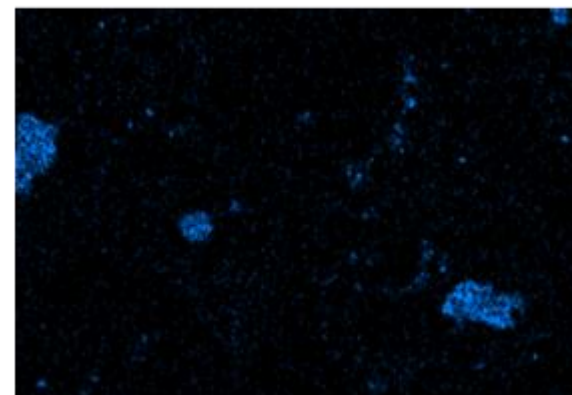
50μm

C K α 1_2

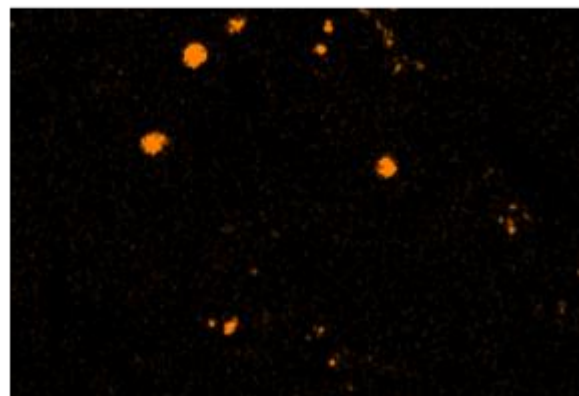
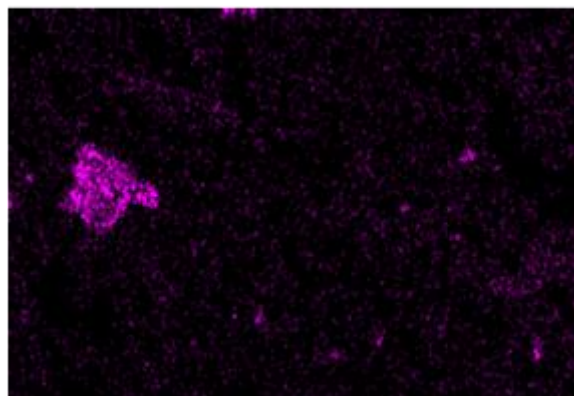
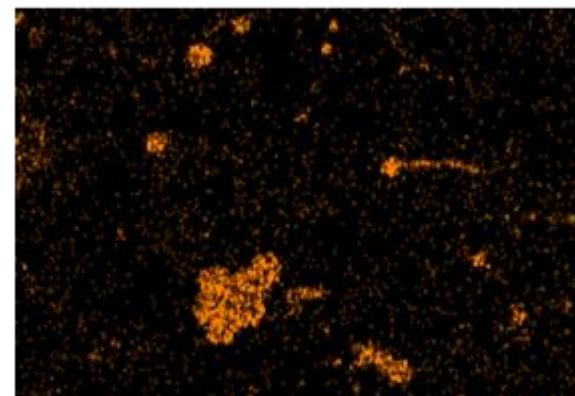
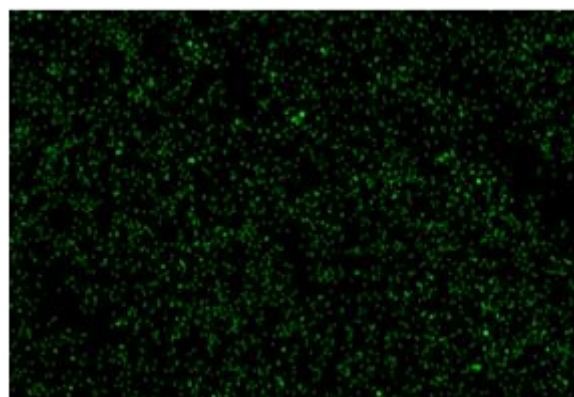
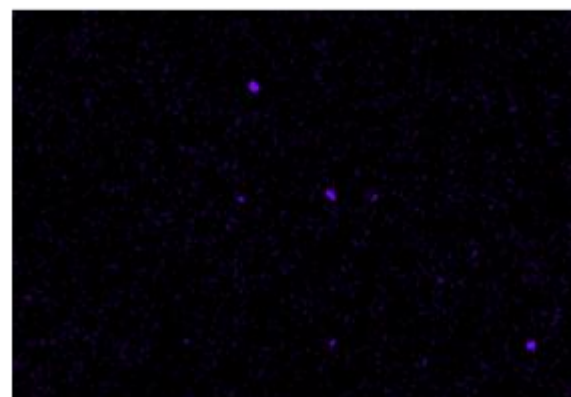
50μm

Mg K α 1_2

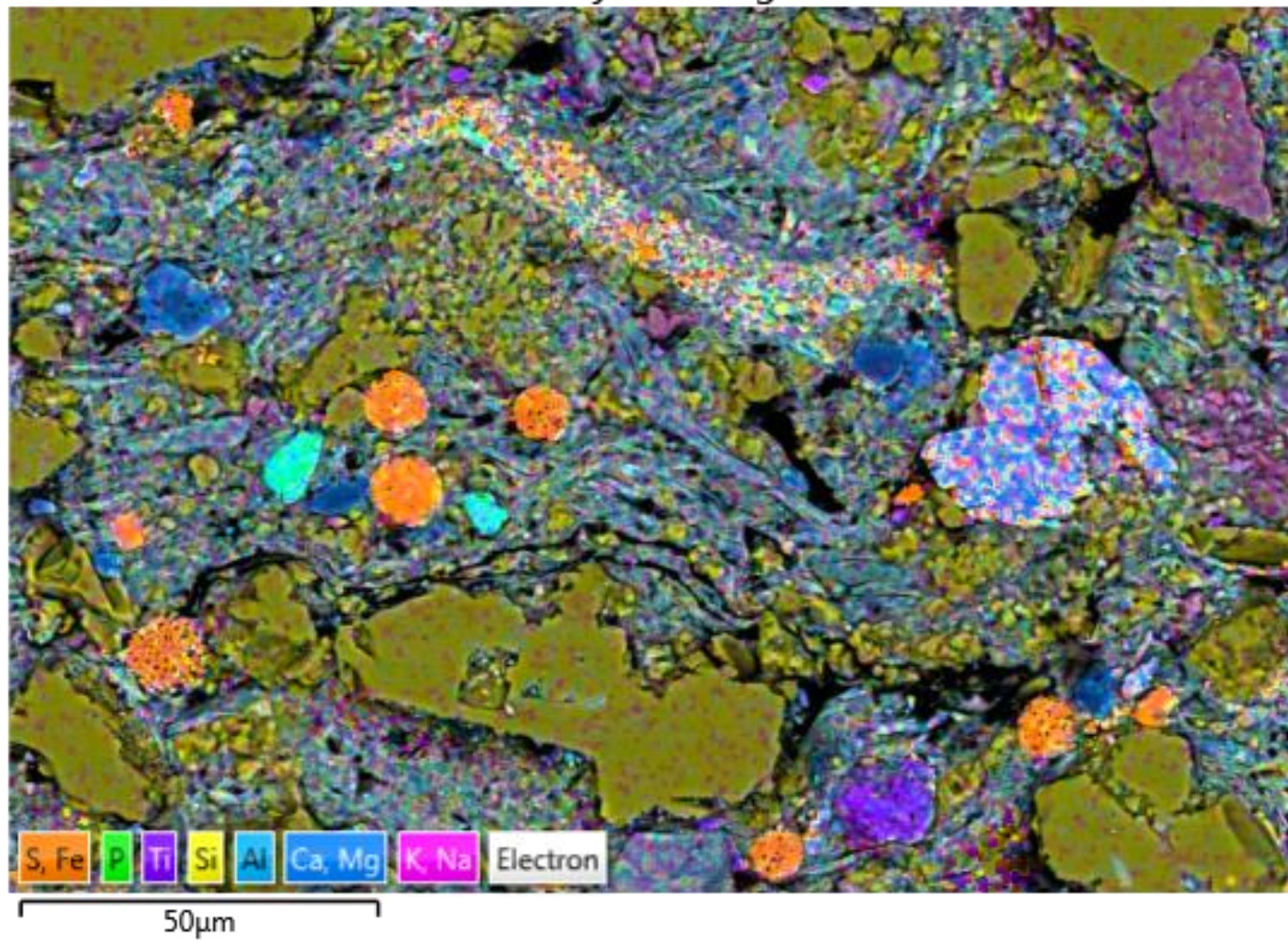
50μm

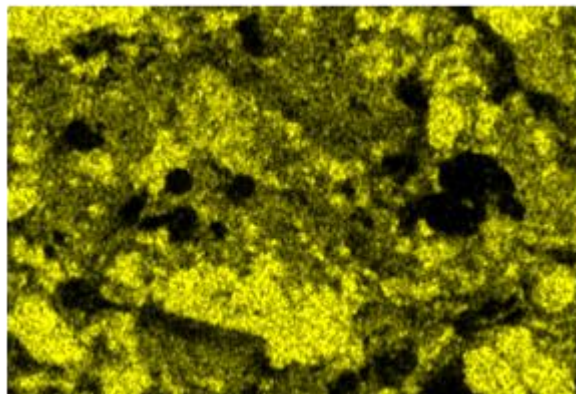
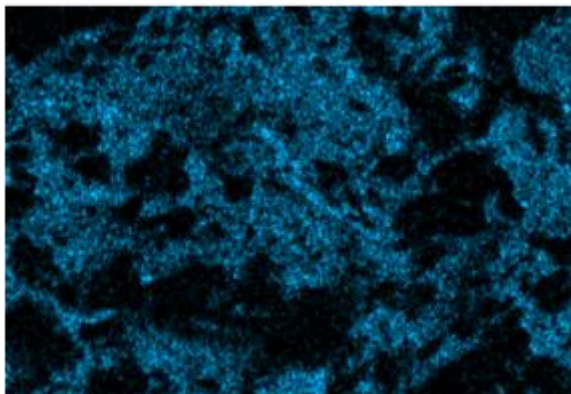
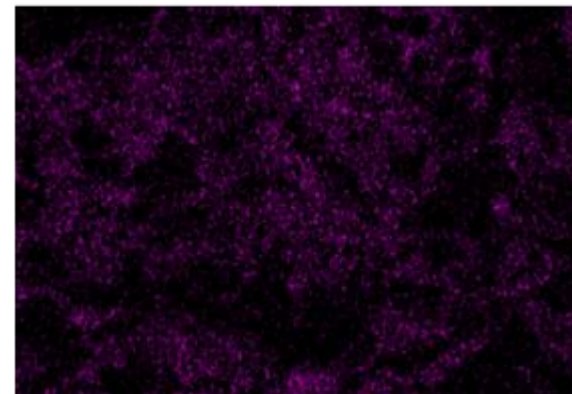
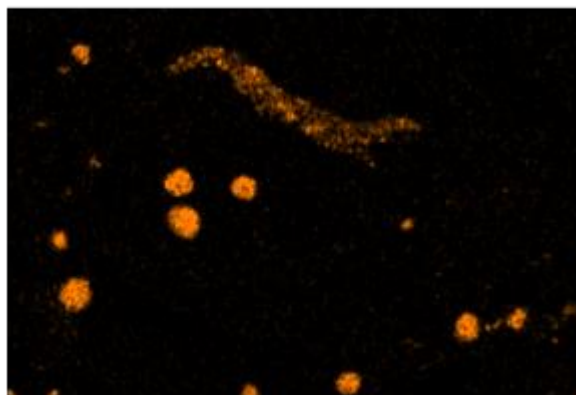
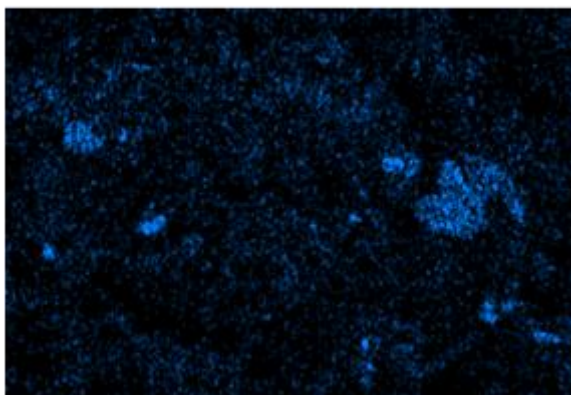
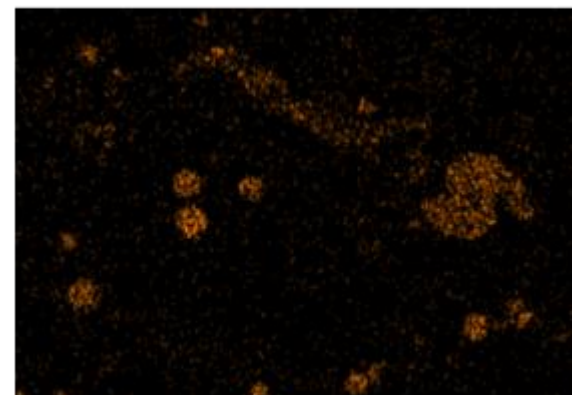
Ca K α 1

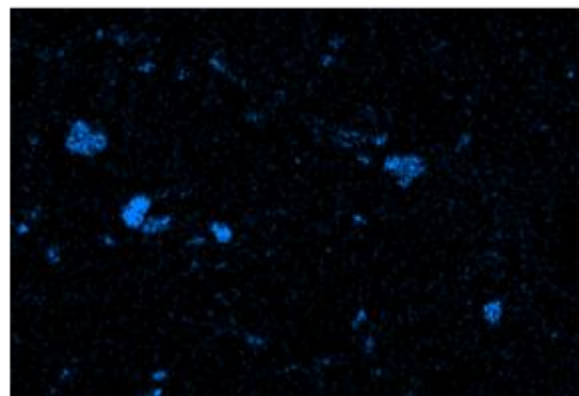
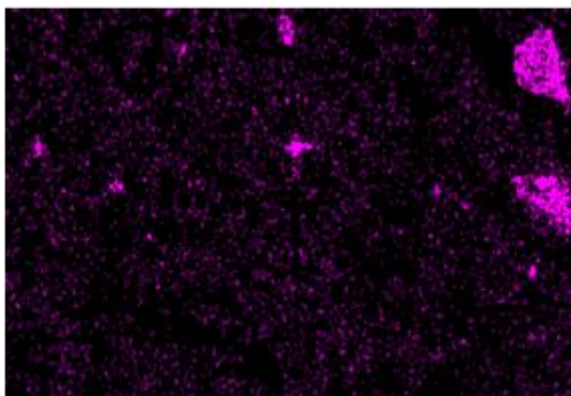
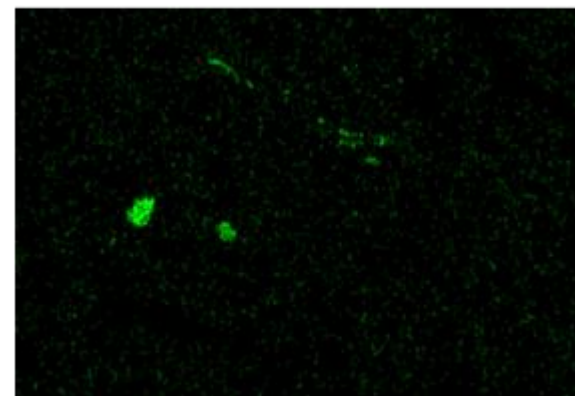
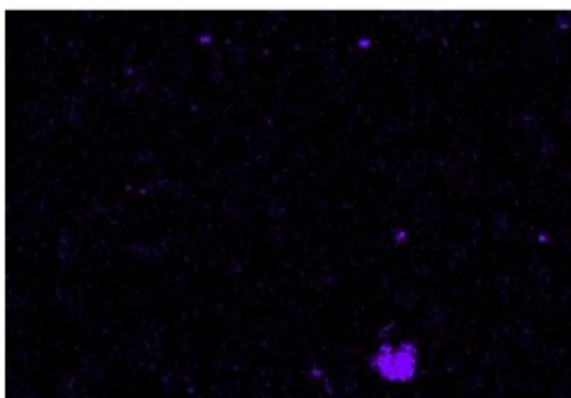
50μm

S K α 1Na K α 1_2Fe K α 1P K α 1Ti K α 1

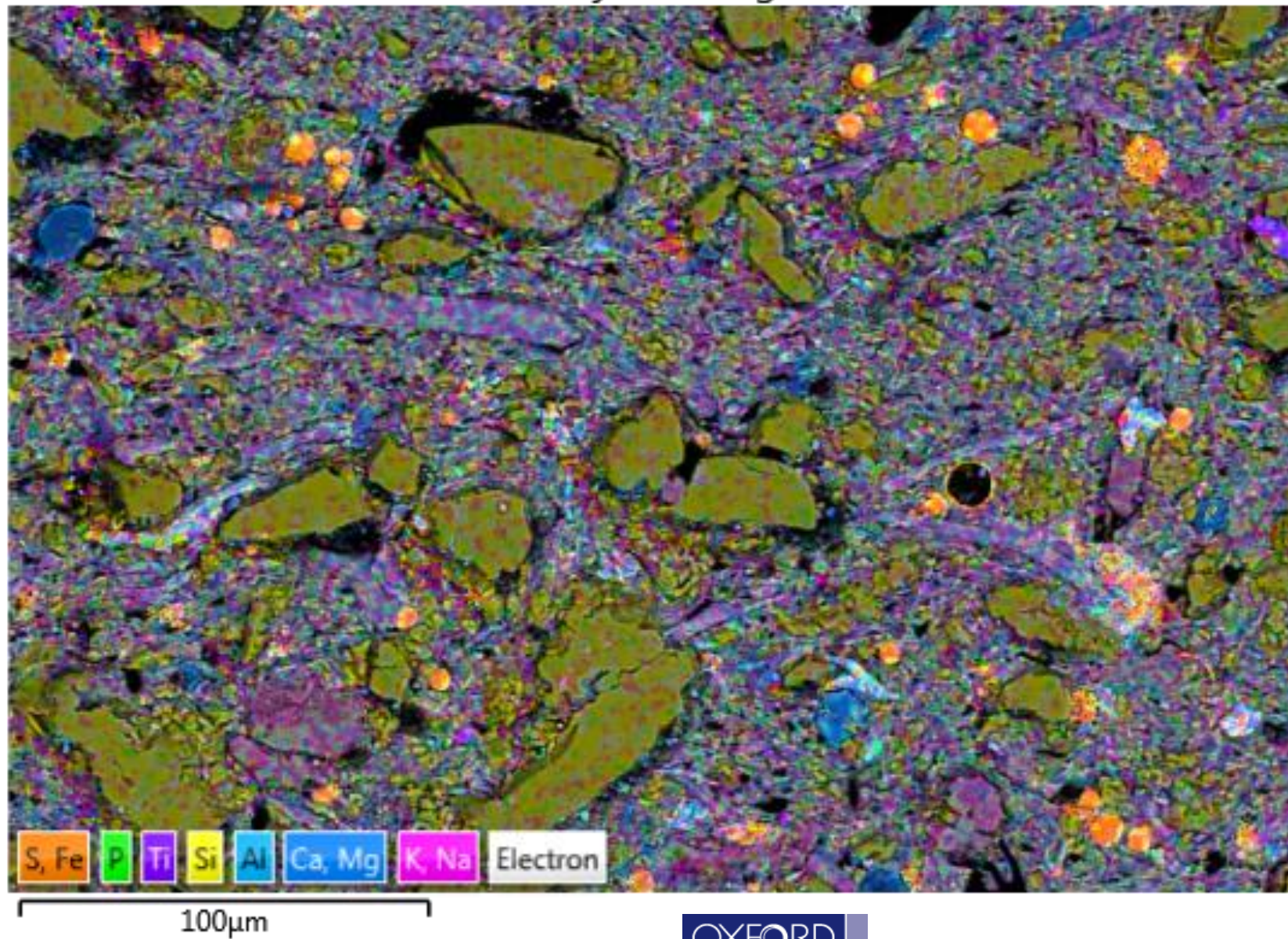
EDS Layered Image 2

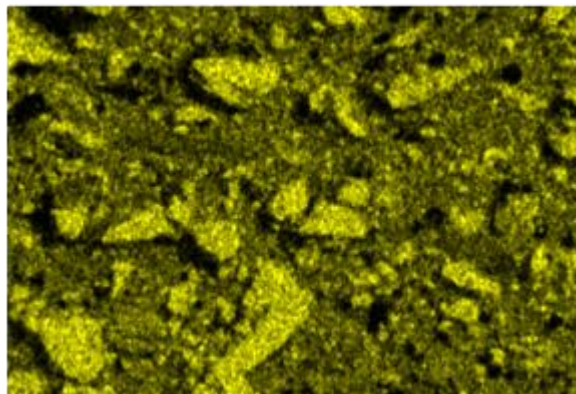
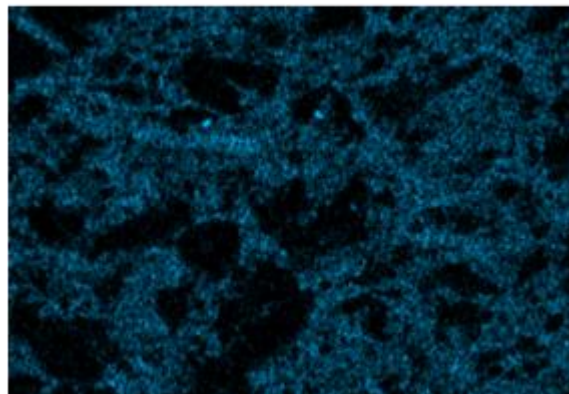
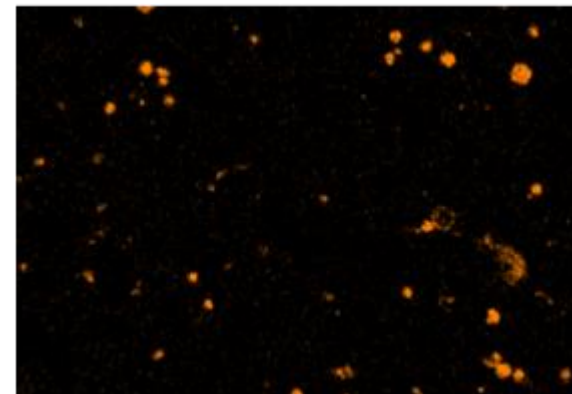
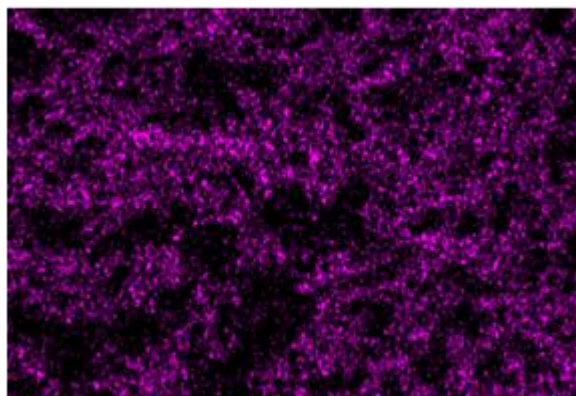
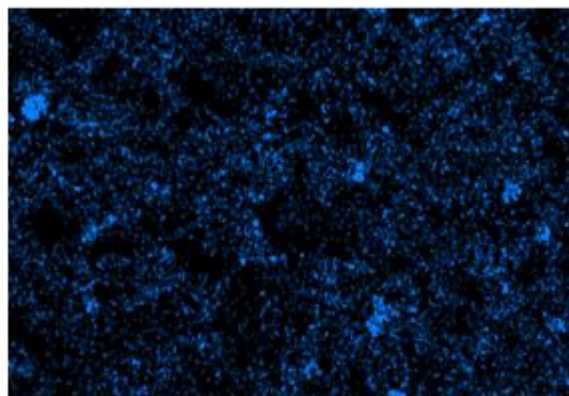
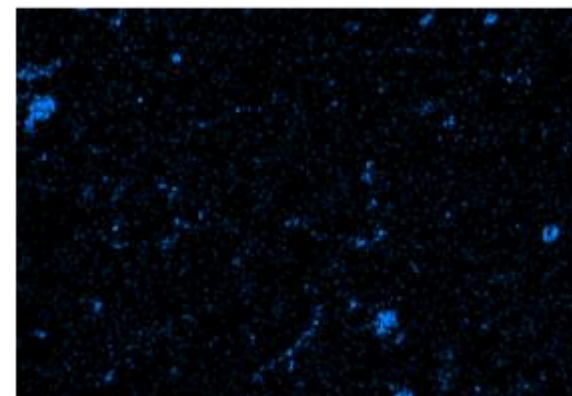


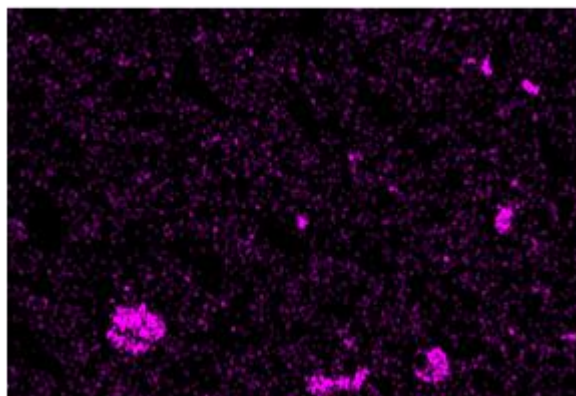
Si K α 150 μ mAl K α 150 μ mK K α 150 μ mS K α 150 μ mMg K α 1_250 μ mFe K α 150 μ m

Ca K α 150 μ mNa K α 1_250 μ mP K α 150 μ mTi K α 150 μ m

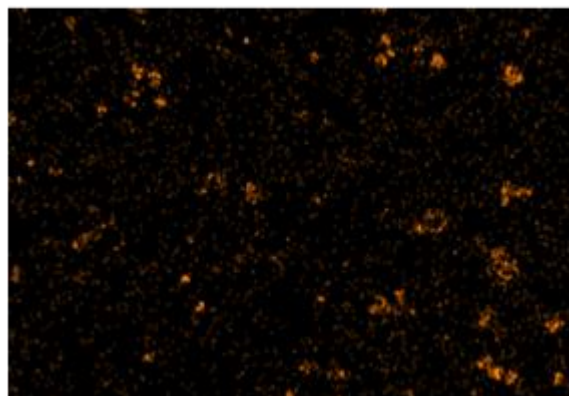
EDS Layered Image 3



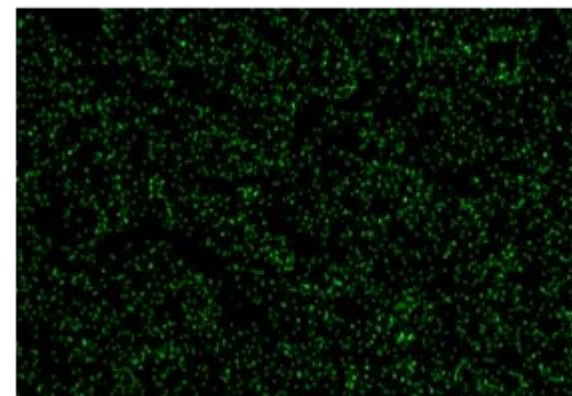
Si K α 1100 μ mAl K α 1100 μ mS K α 1100 μ mK K α 1100 μ mMg K α 1_2100 μ mCa K α 1100 μ m

Na K α 1_2

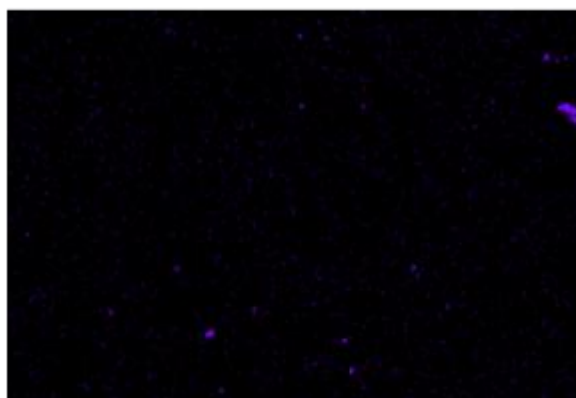
100μm

Fe K α 1

100μm

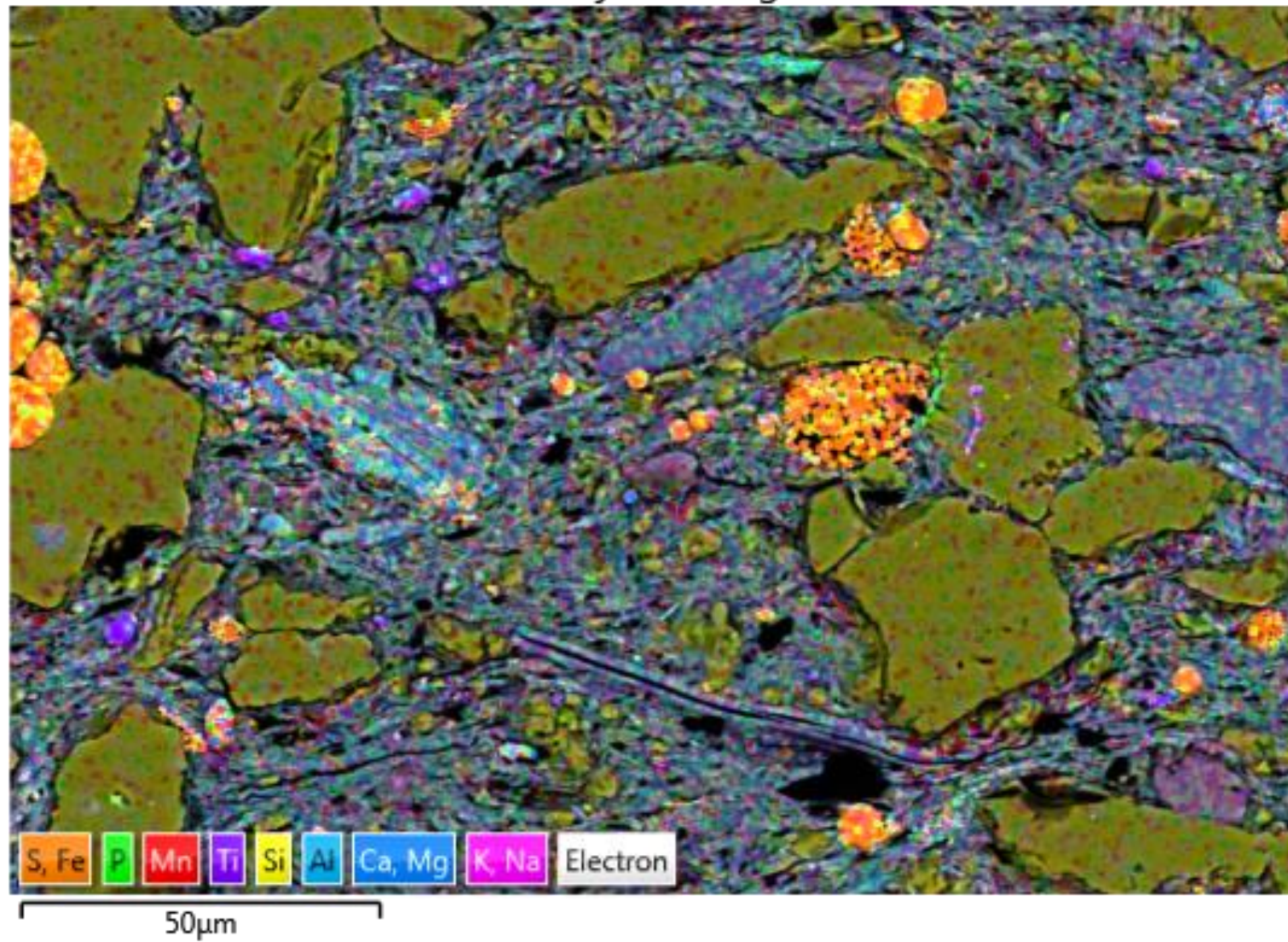
P K α 1

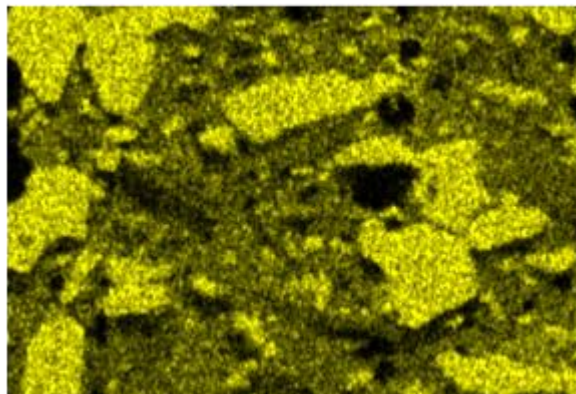
100μm

Ti K α 1

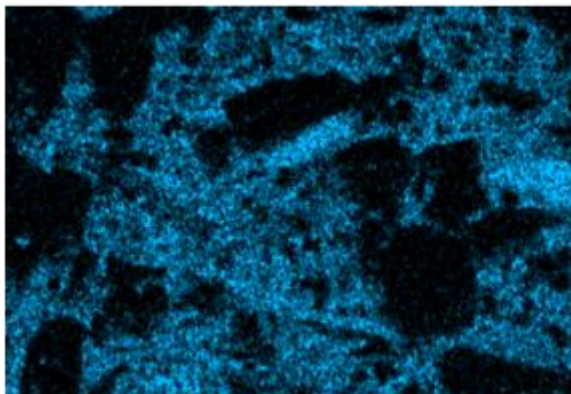
100μm

EDS Layered Image 1

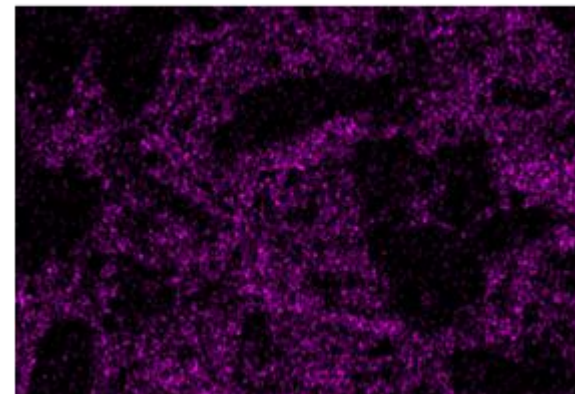


Si K α 1

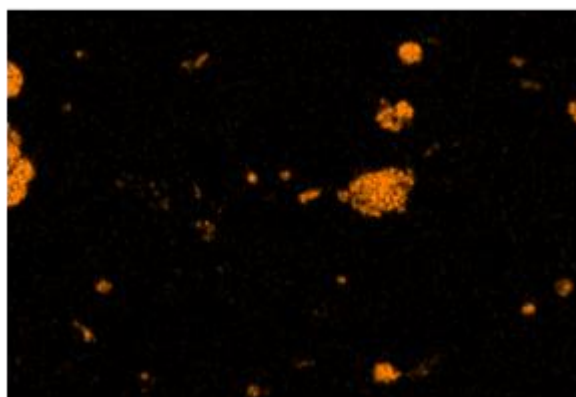
50μm

Al K α 1

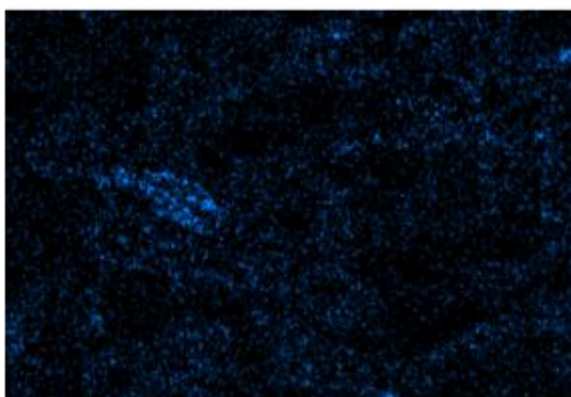
50μm

K K α 1

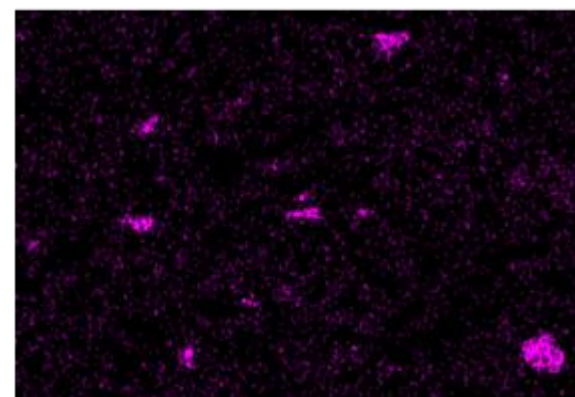
50μm

S K α 1

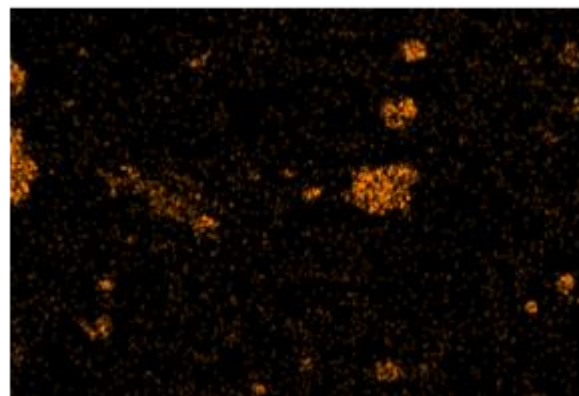
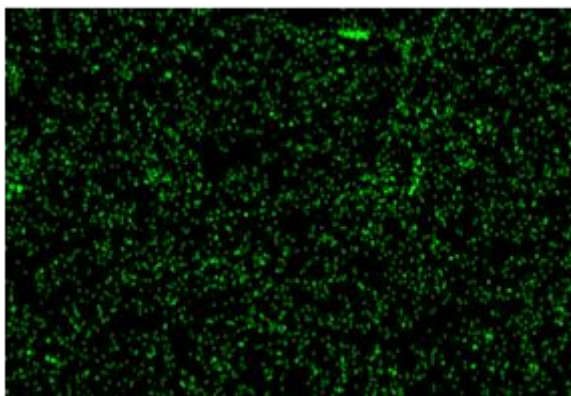
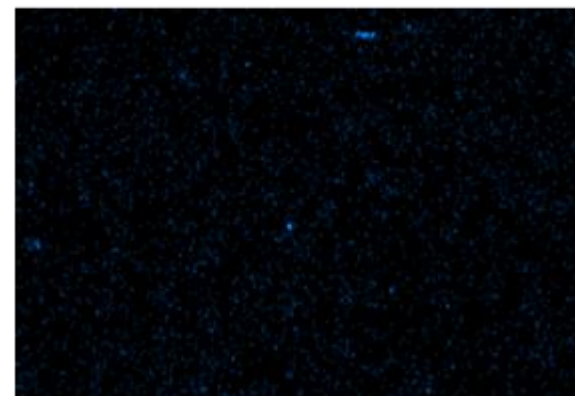
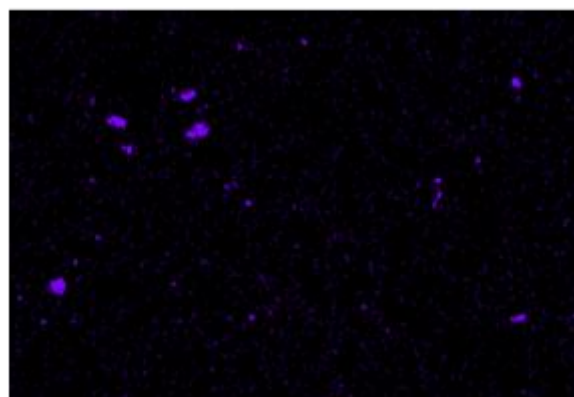
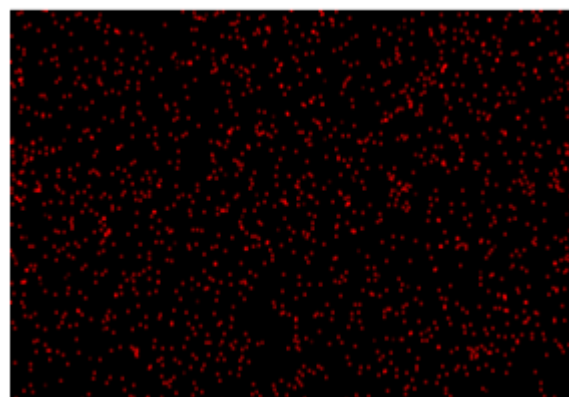
50μm

Mg K α 1_2

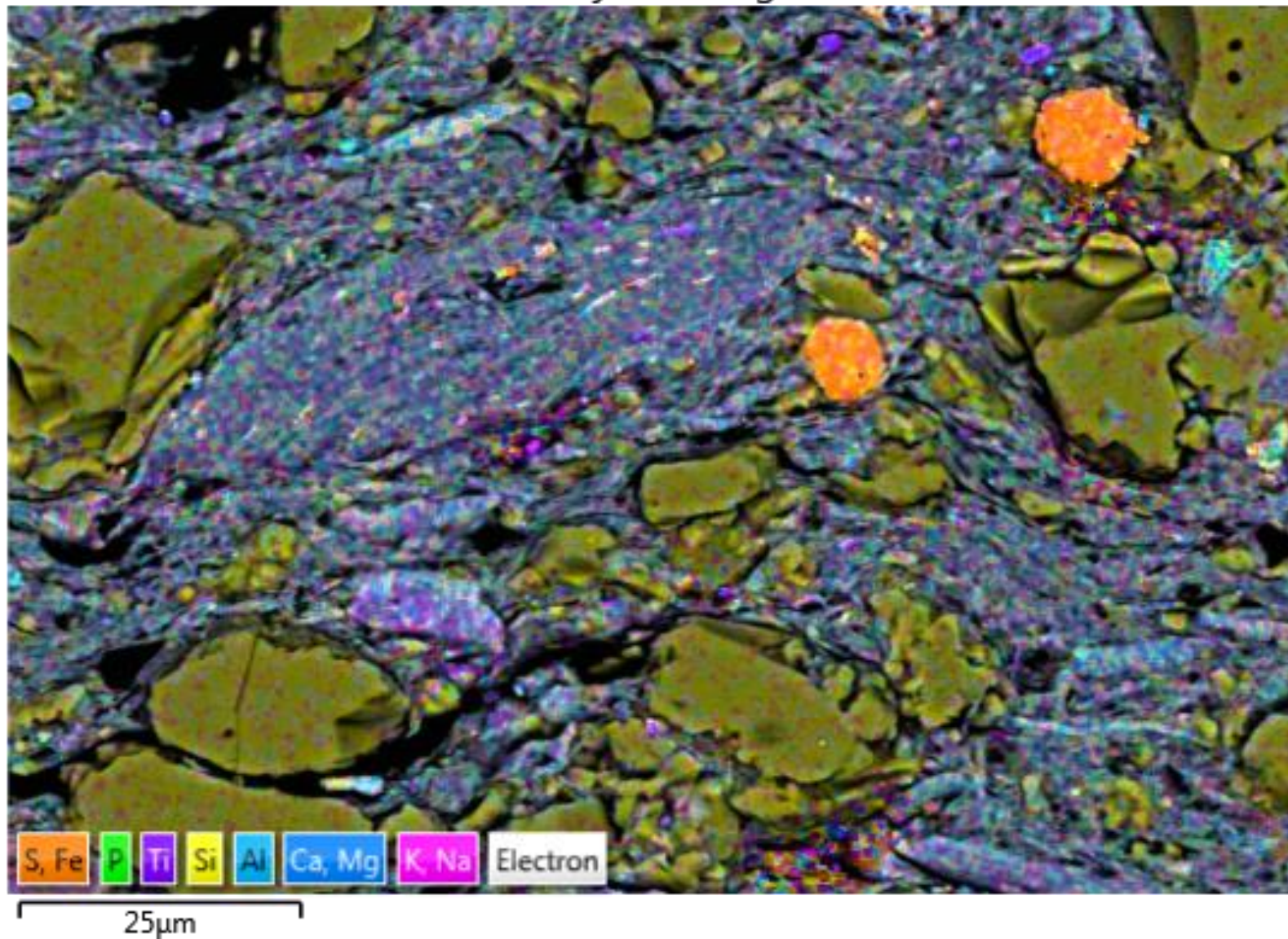
50μm

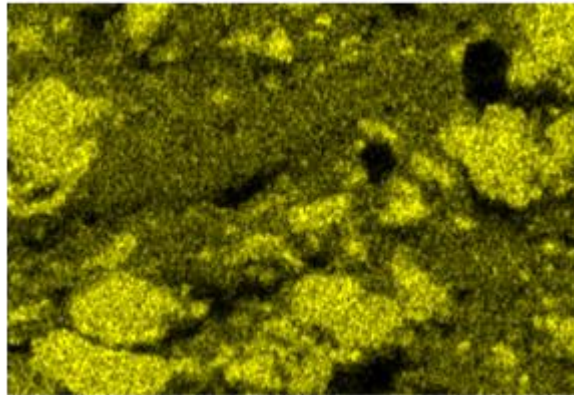
Na K α 1_2

50μm

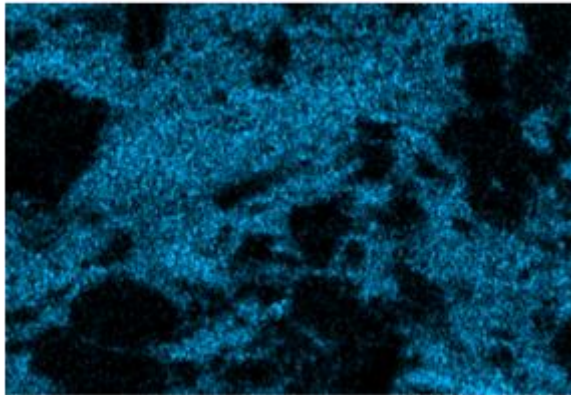
Fe K α 150 μ mP K α 150 μ mCa K α 150 μ mTi K α 150 μ mMn K α 150 μ m

EDS Layered Image 2

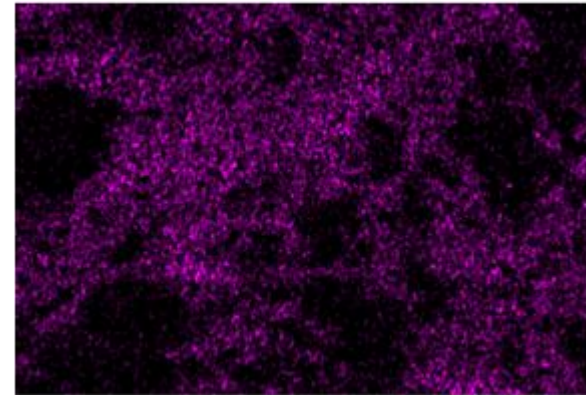


Si K α 1

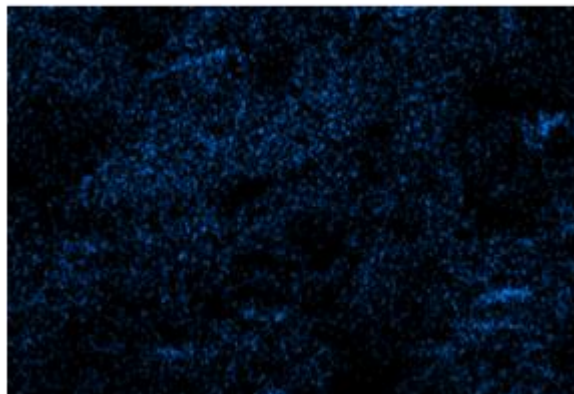
25μm

Al K α 1

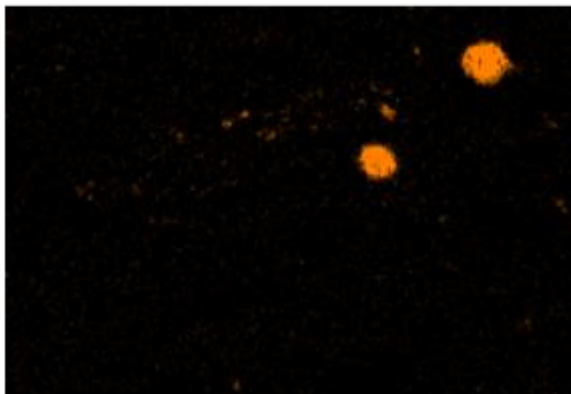
25μm

K K α 1

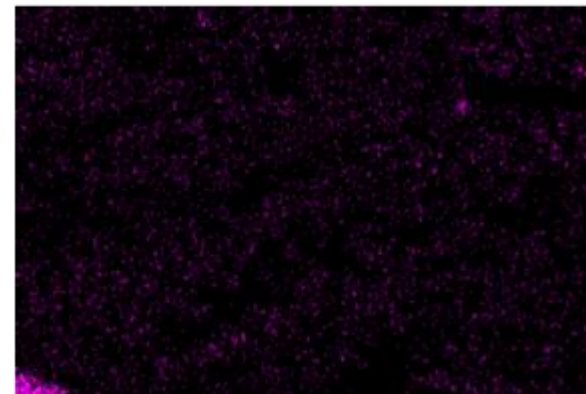
25μm

Mg K α 1_2

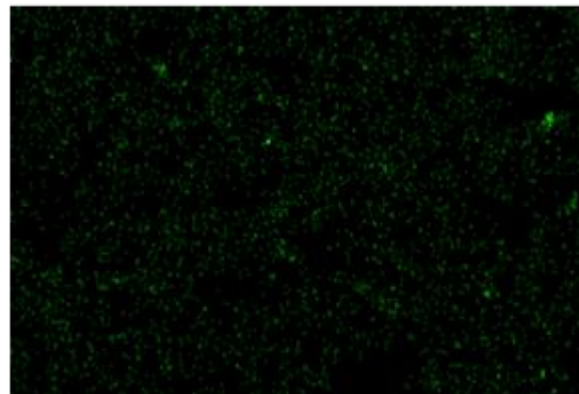
25μm

S K α 1

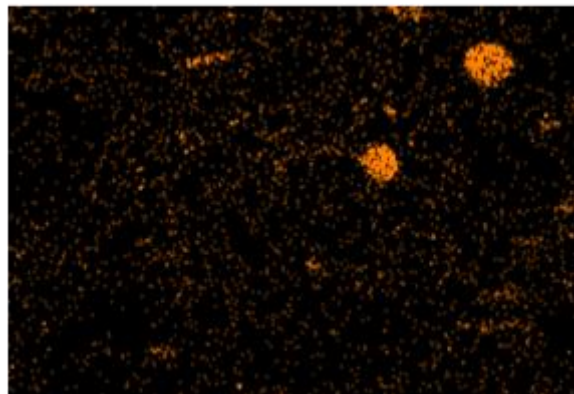
25μm

Na K α 1_2

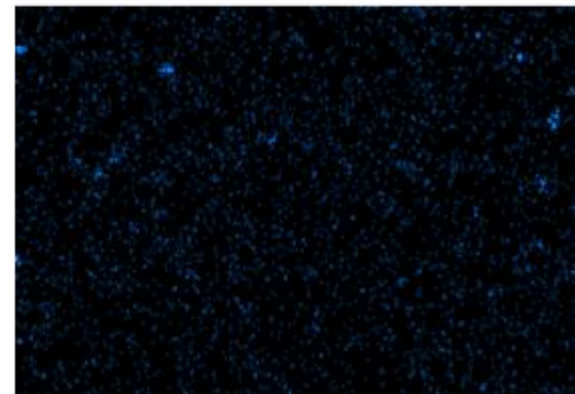
25μm

P K α 1

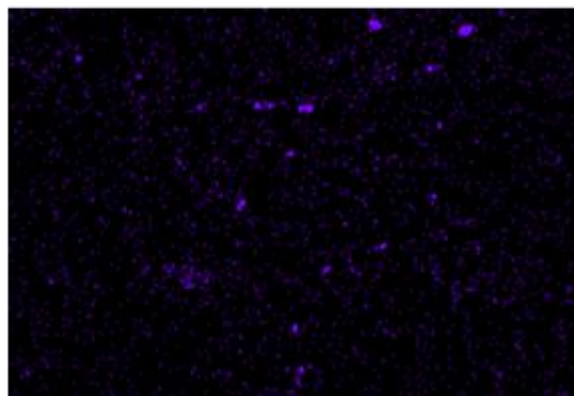
25μm

Fe K α 1

25μm

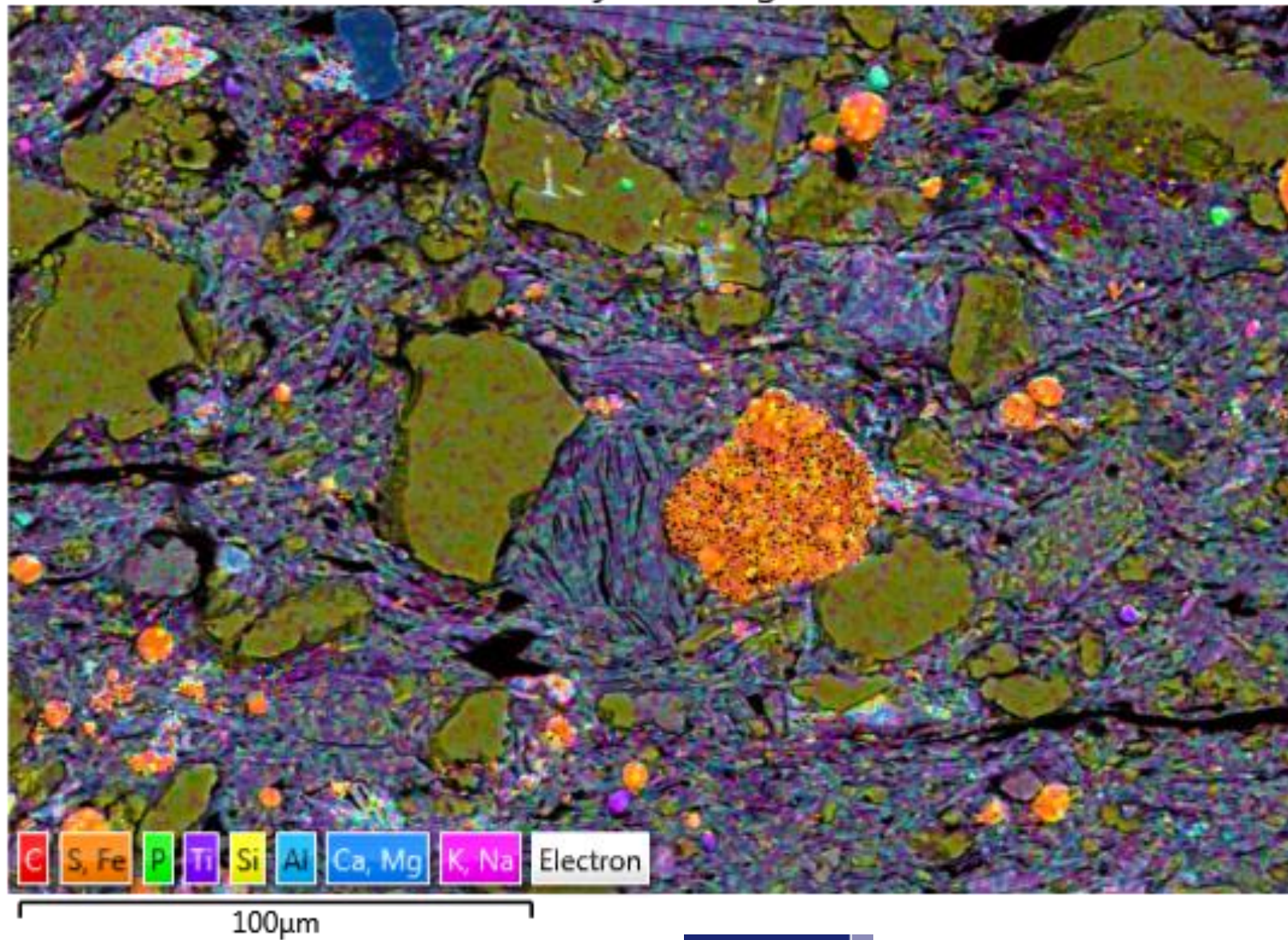
Ca K α 1

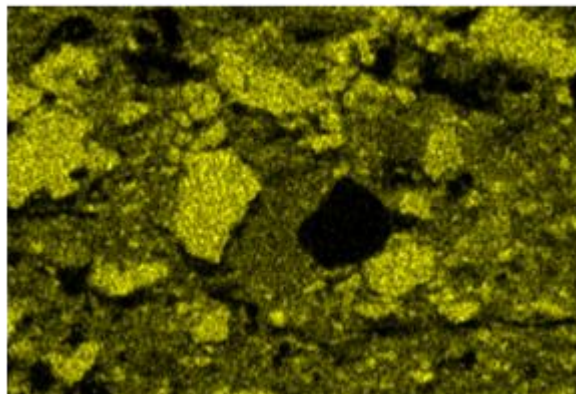
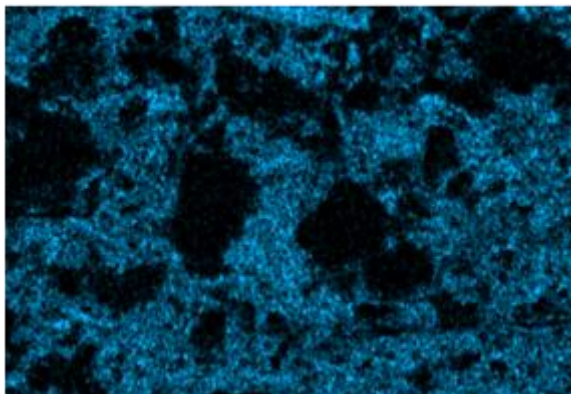
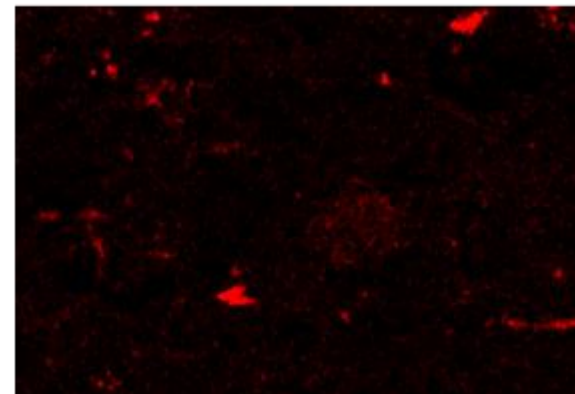
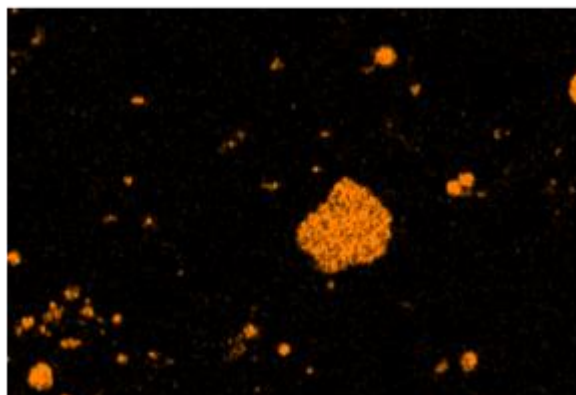
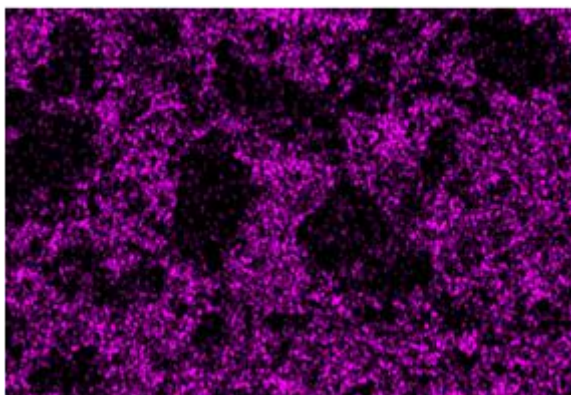
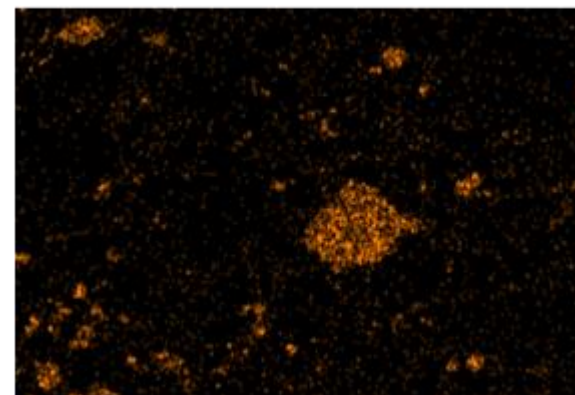
25μm

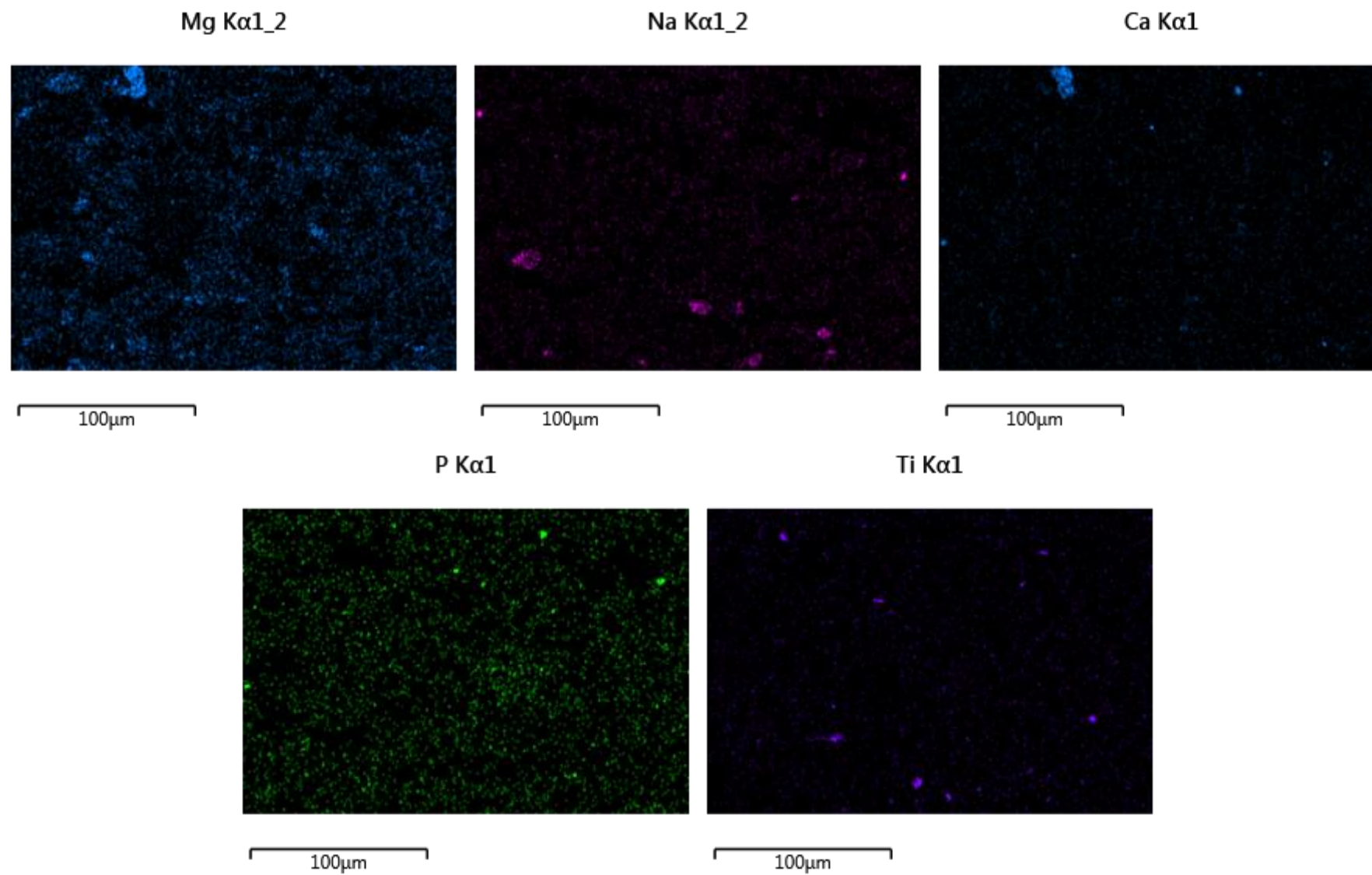
Ti K α 1

25μm

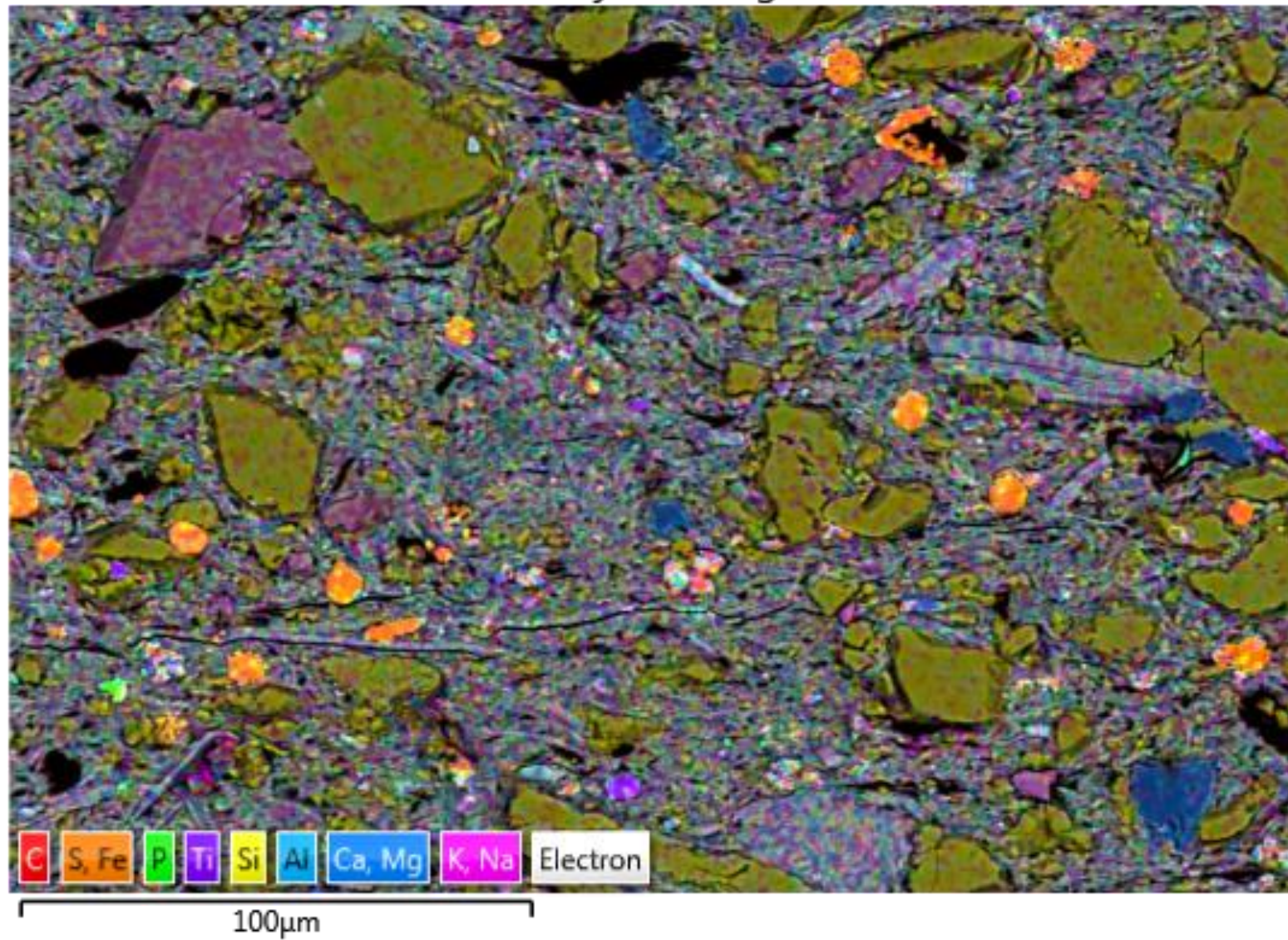
EDS Layered Image 5

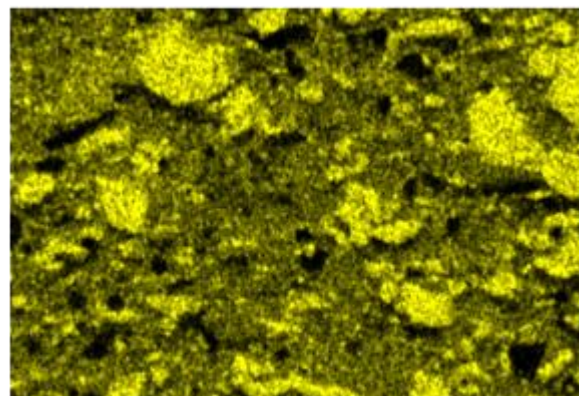


Si K α 1Al K α 1C K α 1_2S K α 1K K α 1Fe K α 1

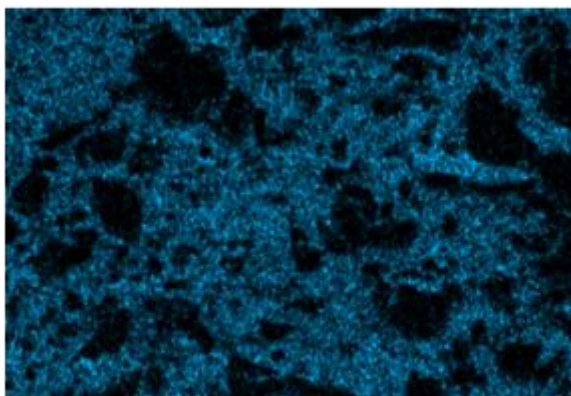


EDS Layered Image 6

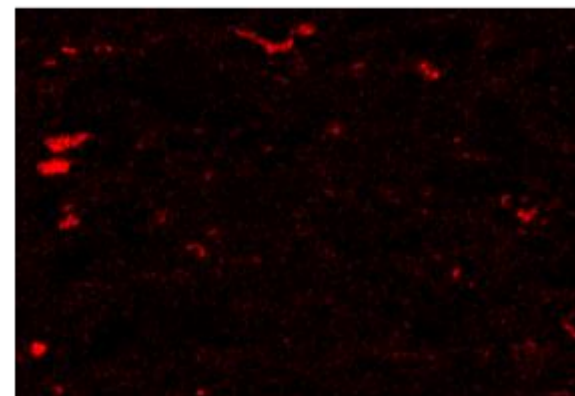


Si K α 1

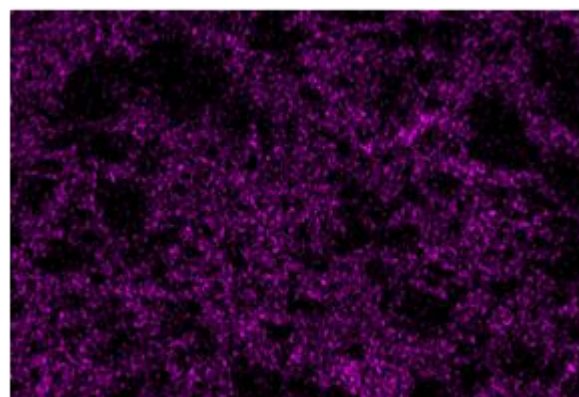
100μm

Al K α 1

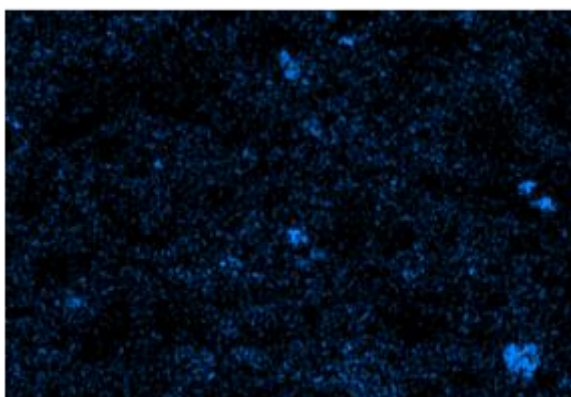
100μm

C K α 1_2

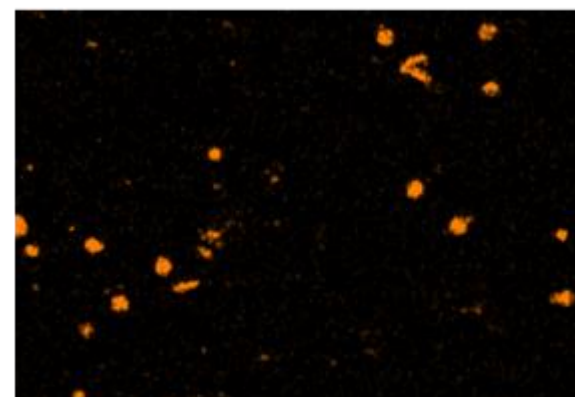
100μm

K K α 1

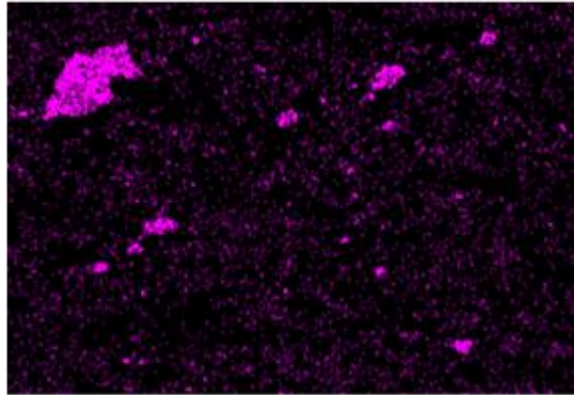
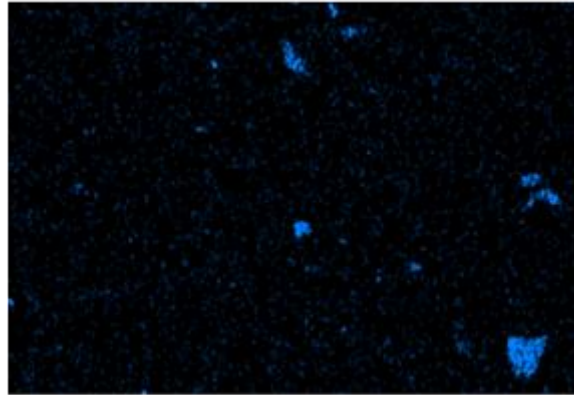
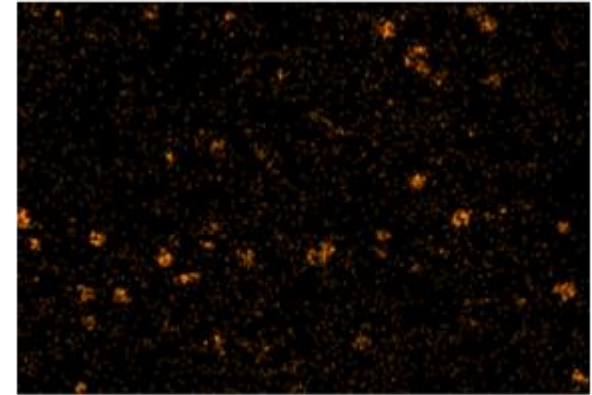
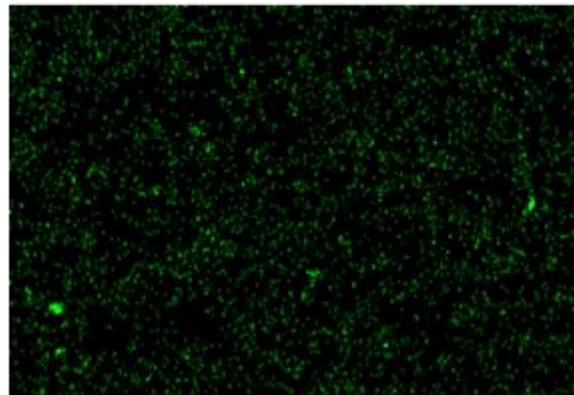
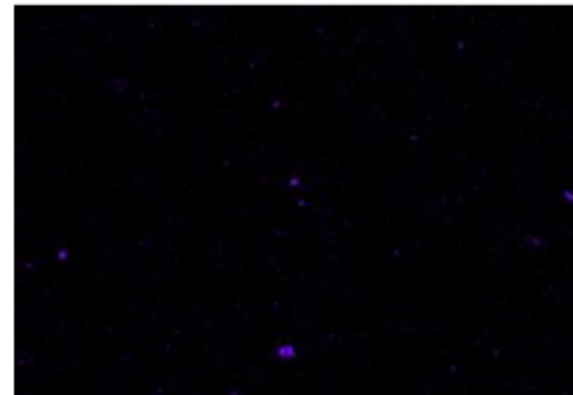
100μm

Mg K α 1_2

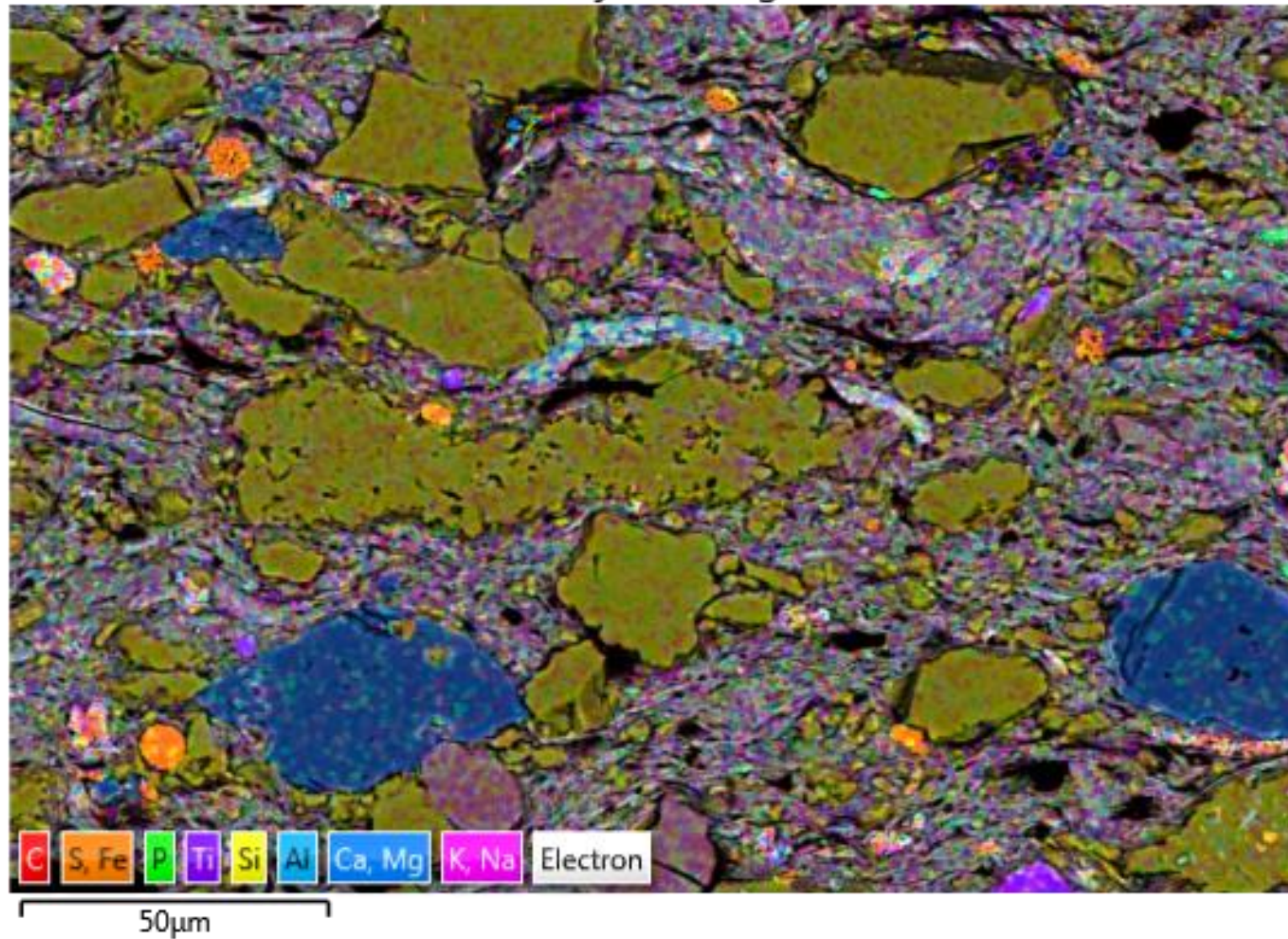
100μm

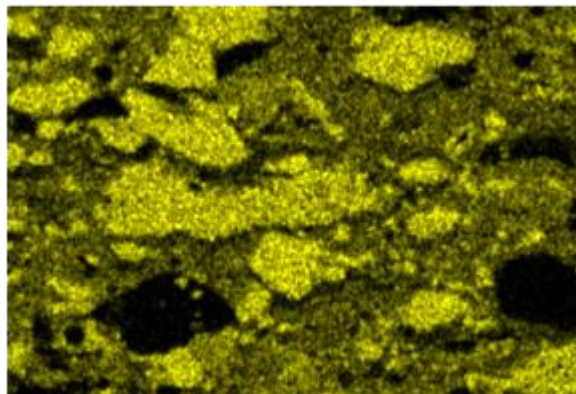
S K α 1

100μm

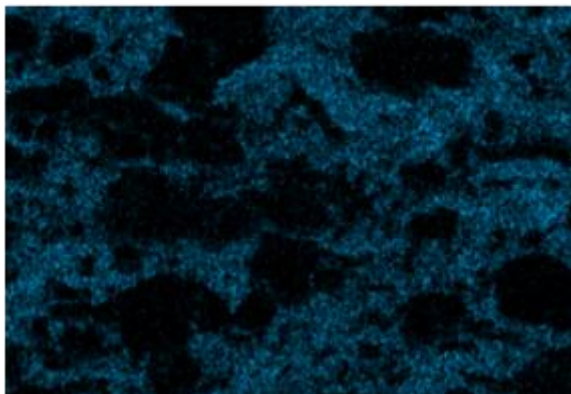
Na K α 1_2100 μ mCa K α 1100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 7

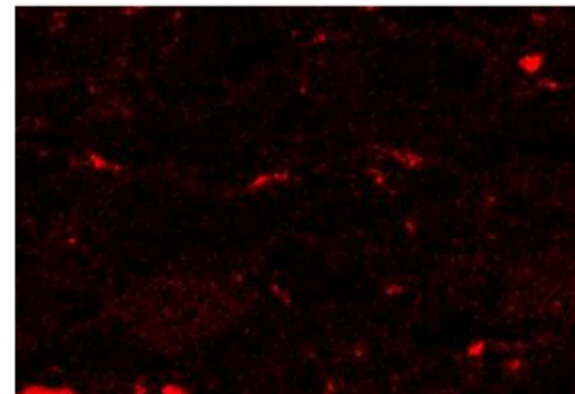


Si K α 1

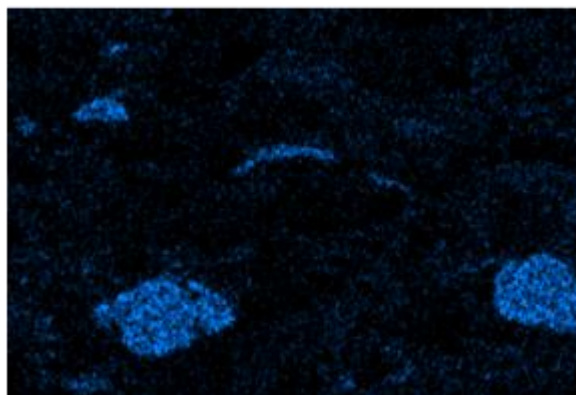
50μm

Al K α 1

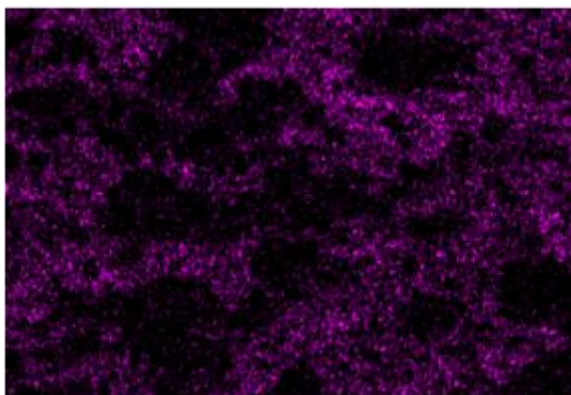
50μm

C K α 1_2

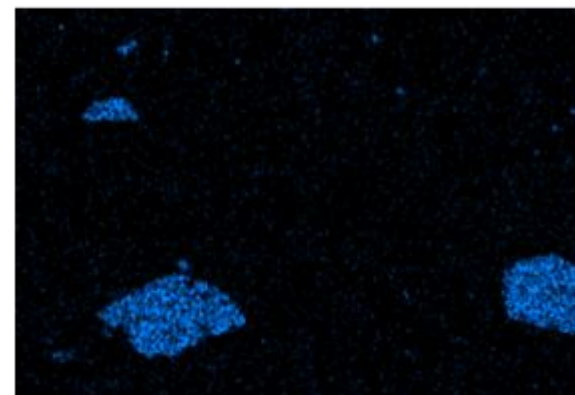
50μm

Mg K α 1_2

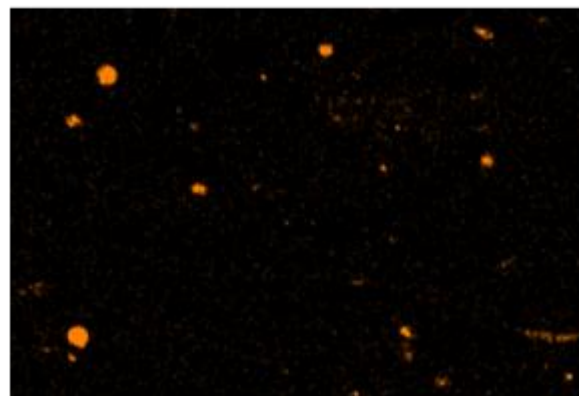
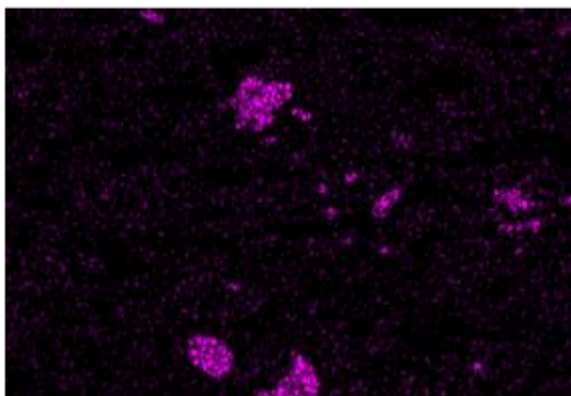
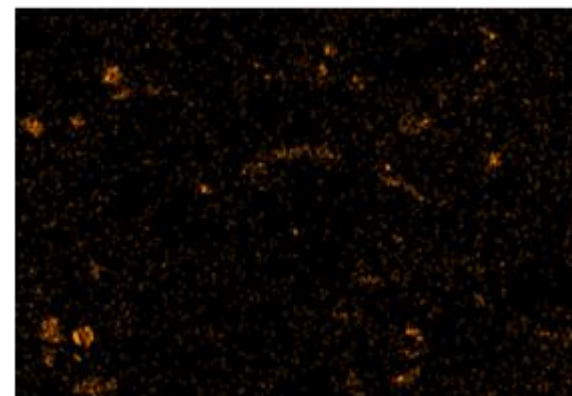
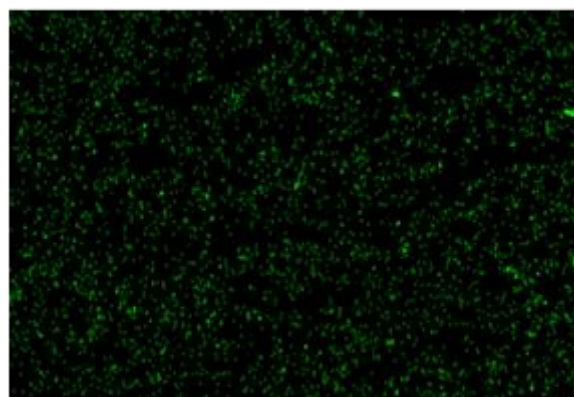
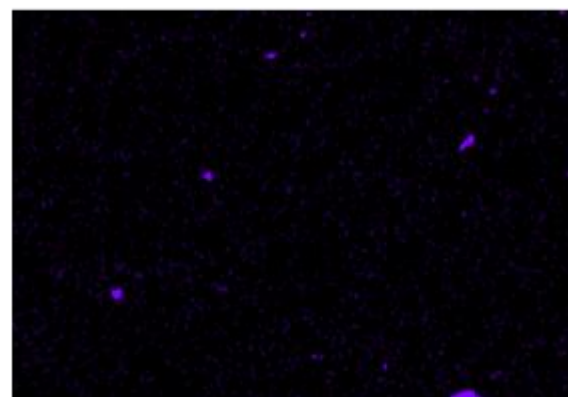
50μm

K K α 1

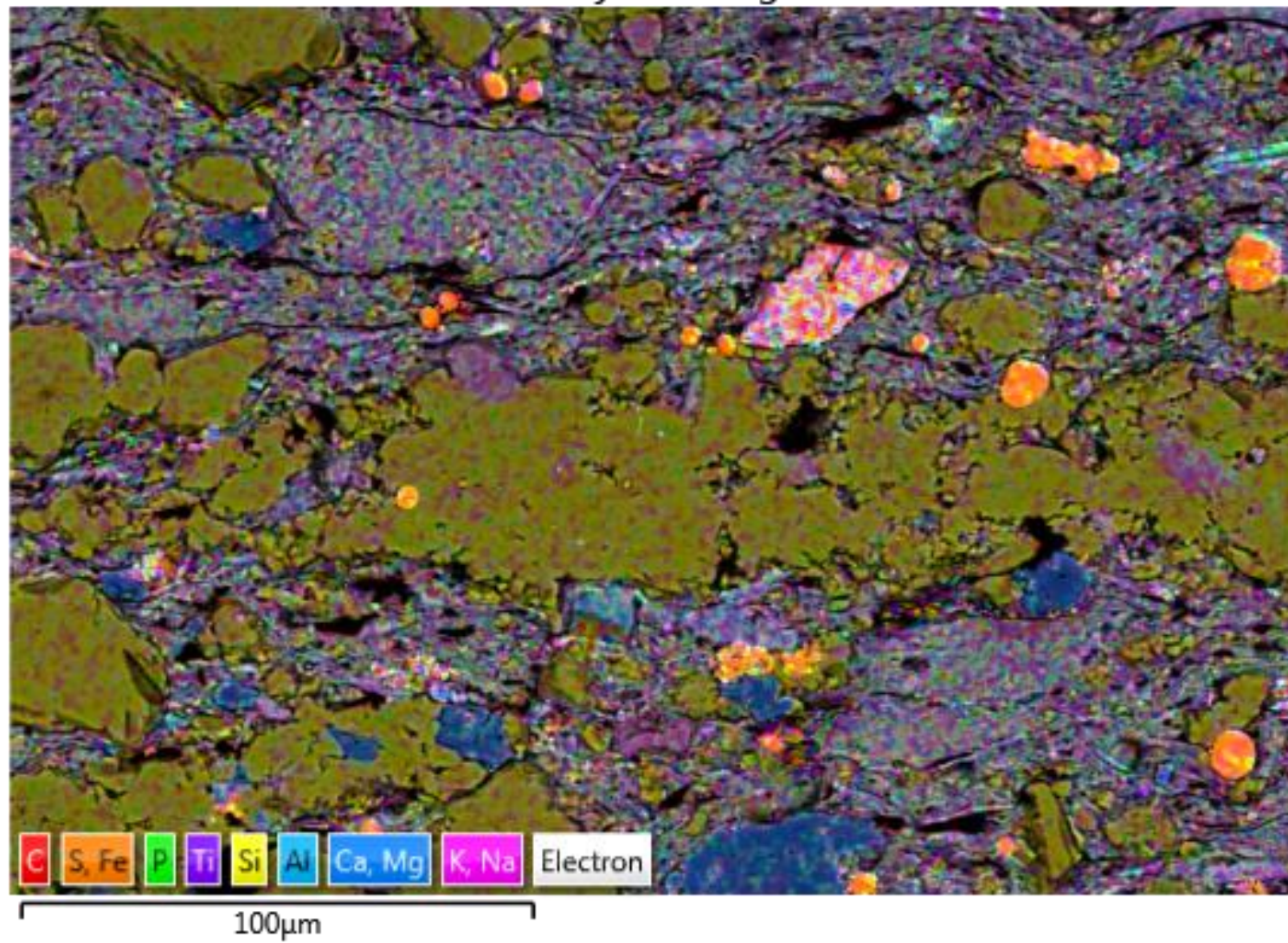
50μm

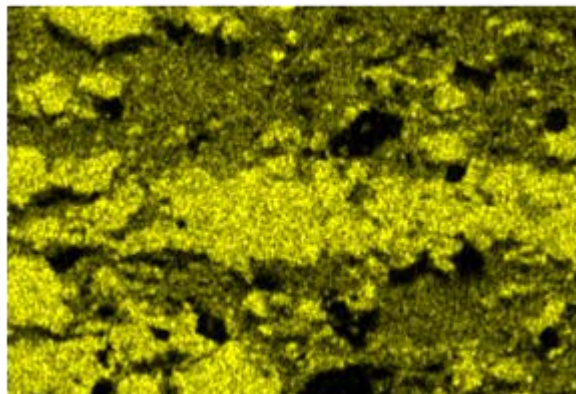
Ca K α 1

50μm

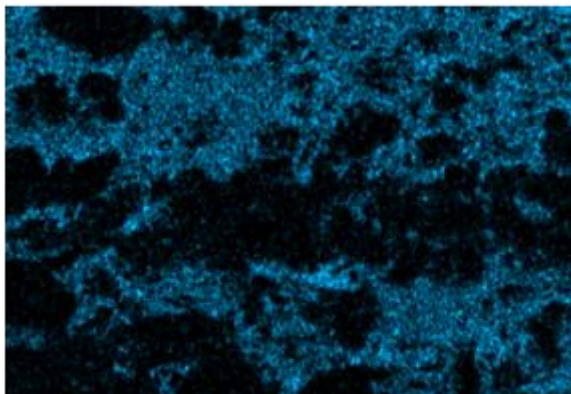
S K α 1Na K α 1_2Fe K α 1P K α 1Ti K α 1

EDS Layered Image 8

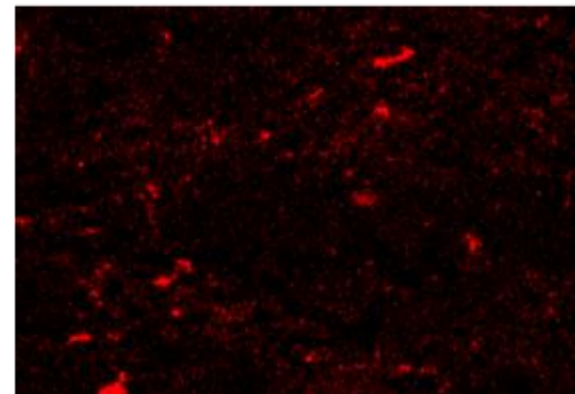


Si K α 1

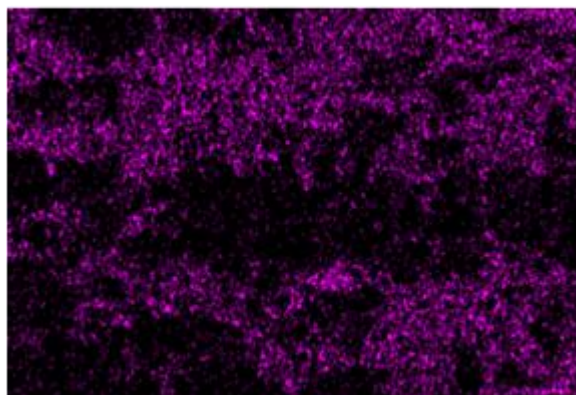
100μm

Al K α 1

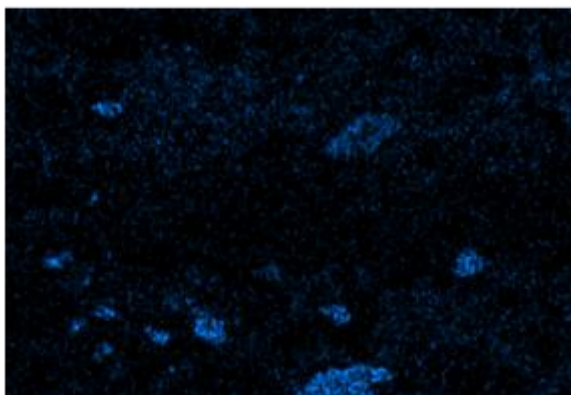
100μm

C K α 1_2

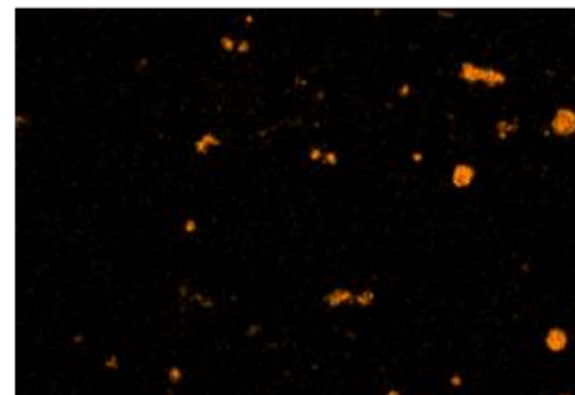
100μm

K K α 1

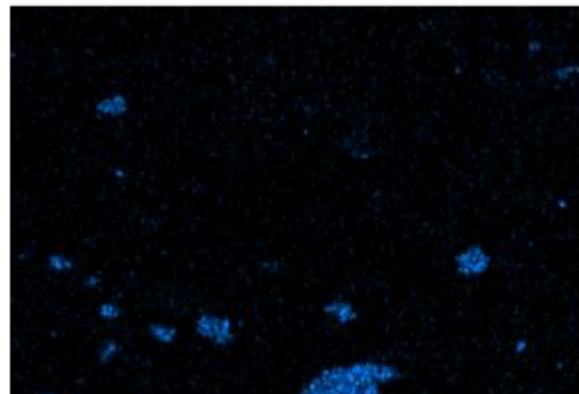
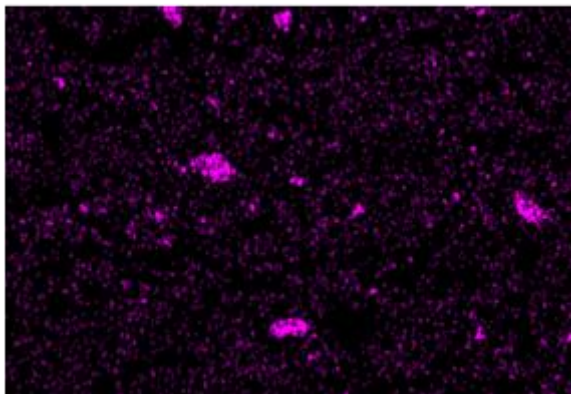
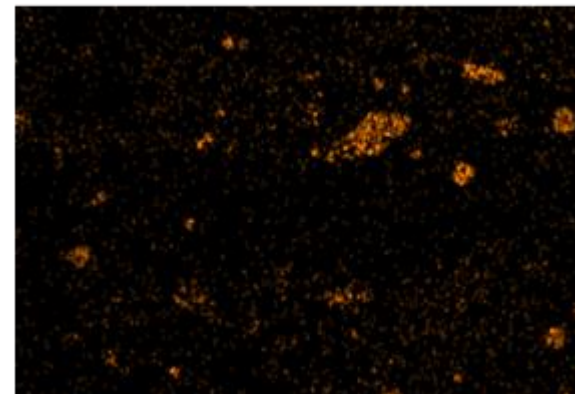
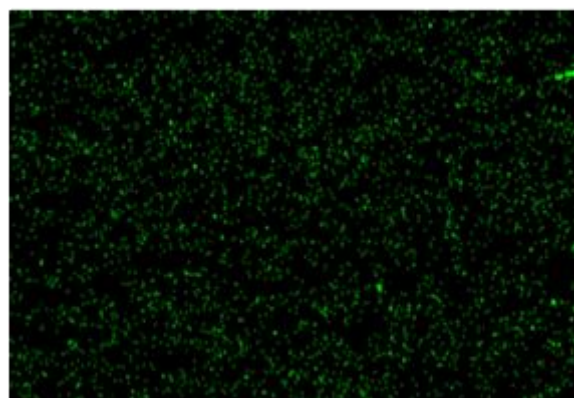
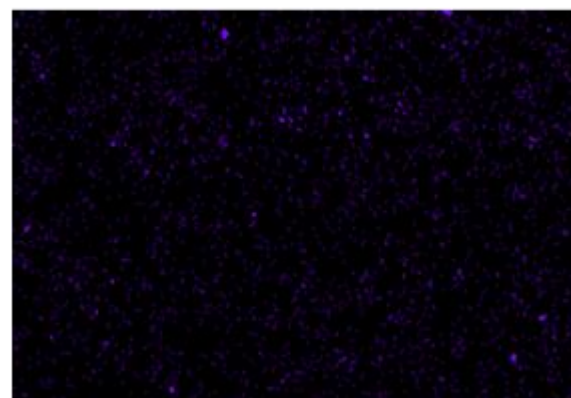
100μm

Mg K α 1_2

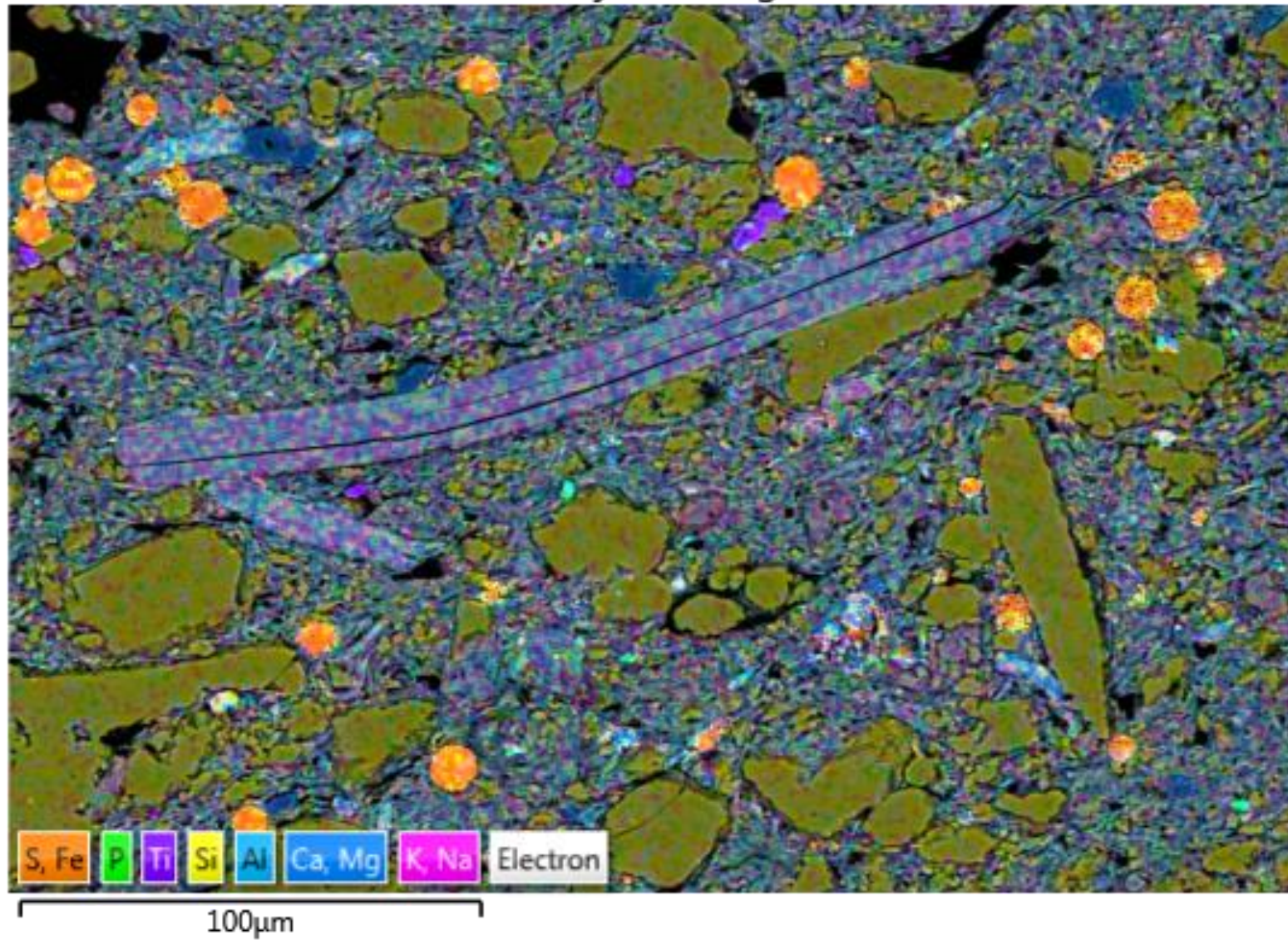
100μm

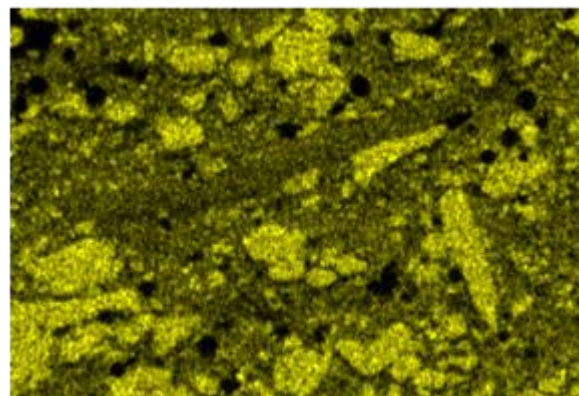
S K α 1

100μm

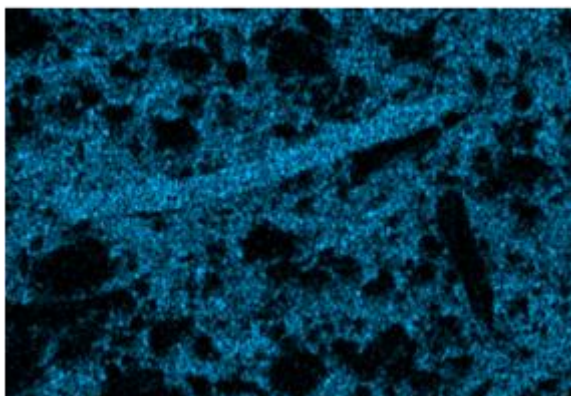
Ca K α 1100 μ mNa K α 1_2100 μ mFe K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 1

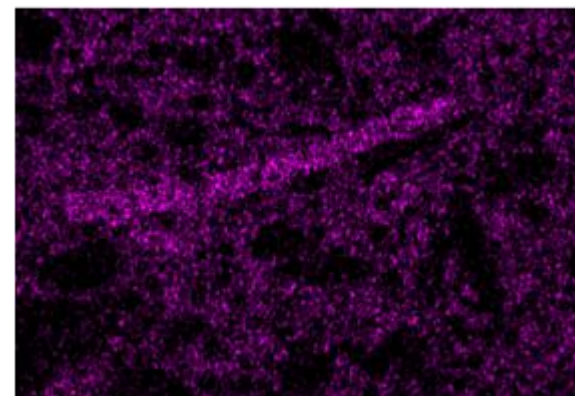


Si K α 1

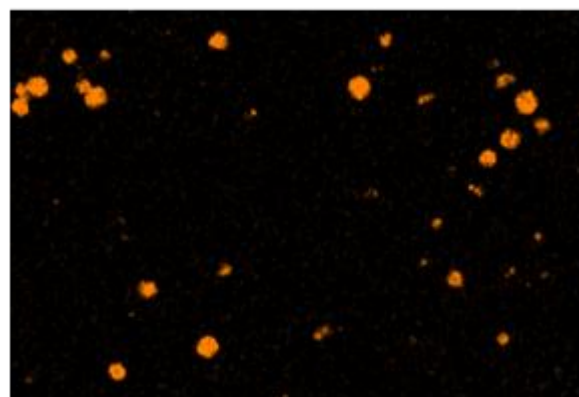
100μm

Al K α 1

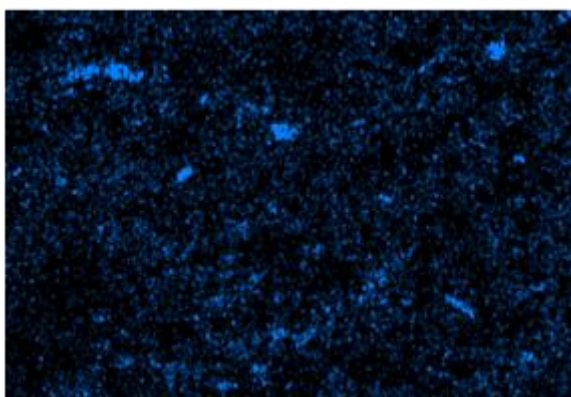
100μm

K K α 1

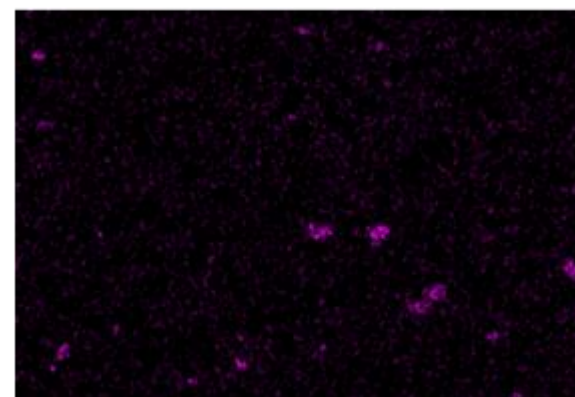
100μm

S K α 1

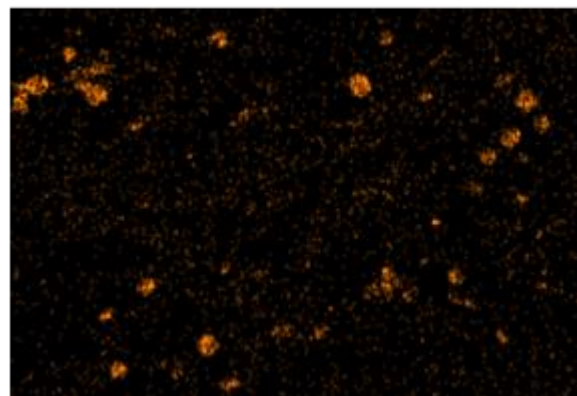
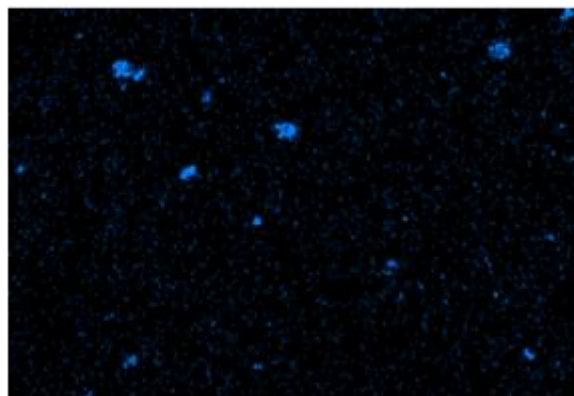
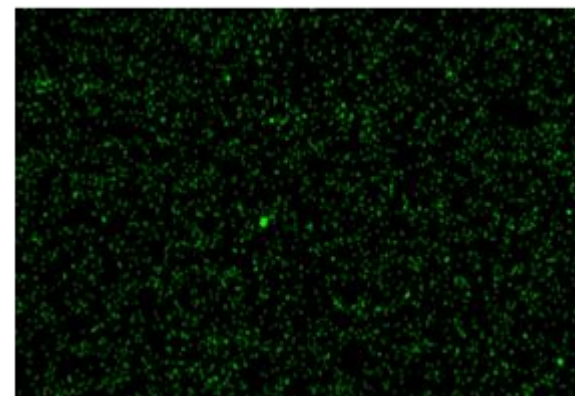
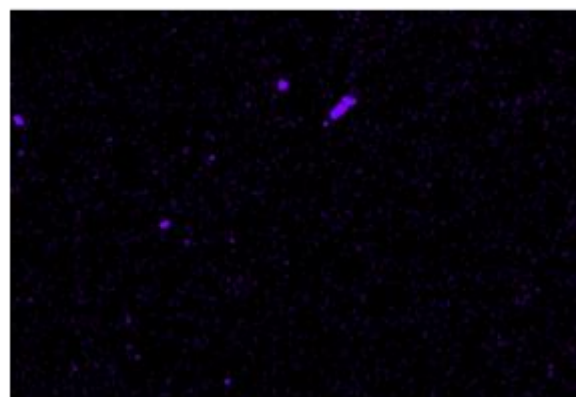
100μm

Mg K α 1_2

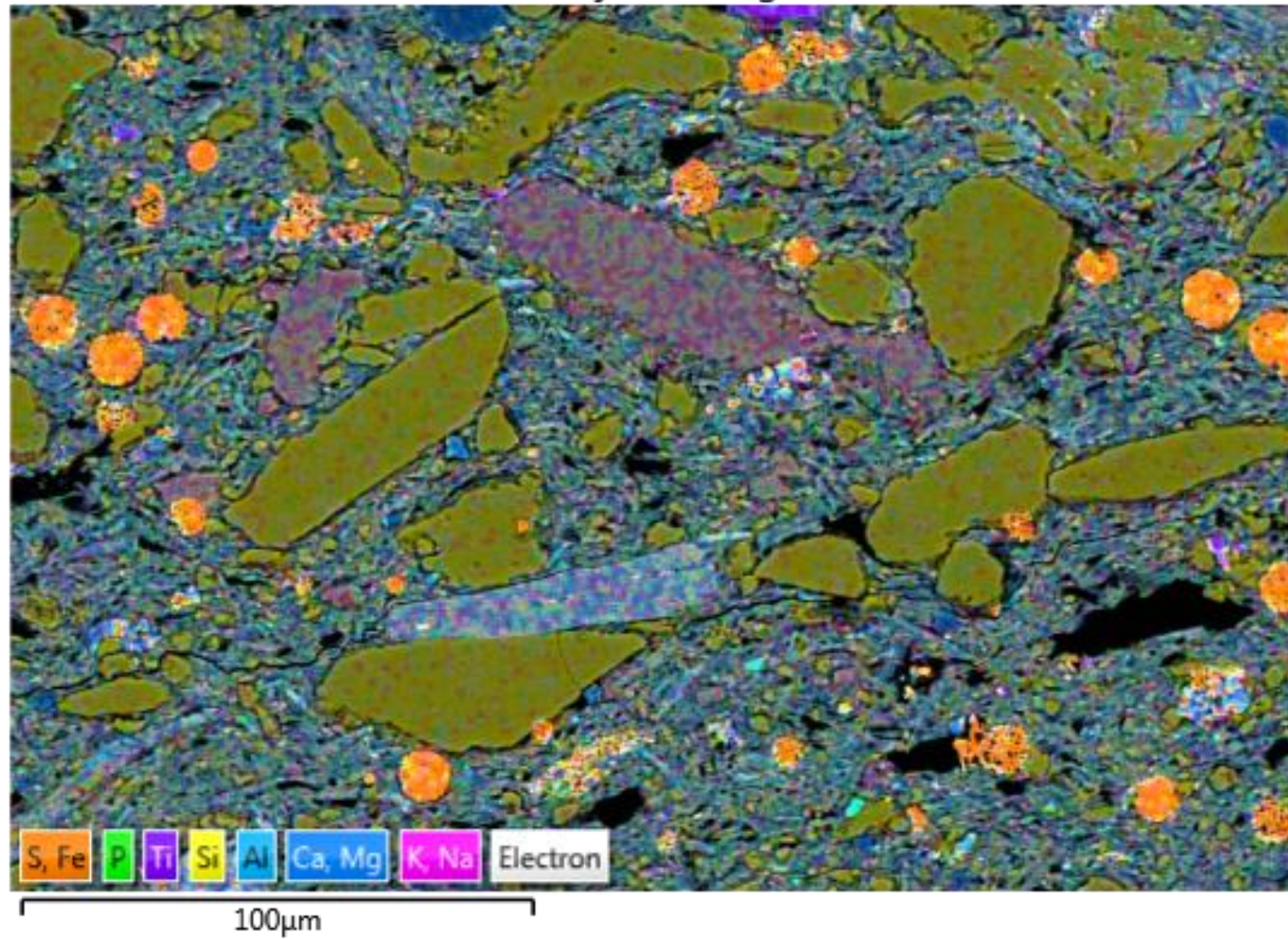
100μm

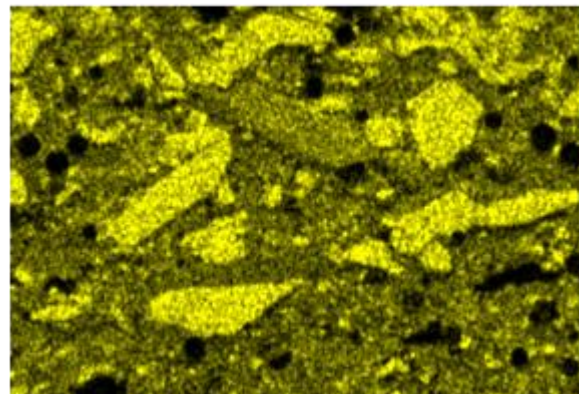
Na K α 1_2

100μm

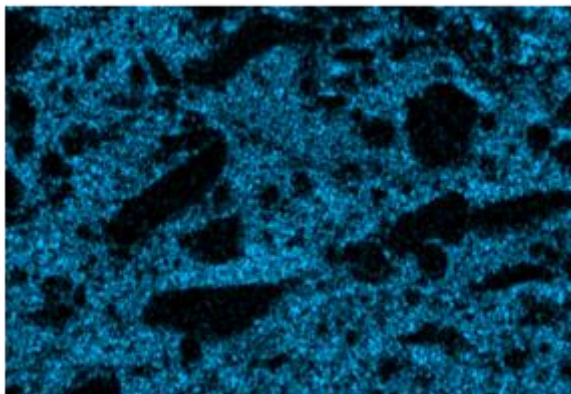
Fe K α 1100 μ mCa K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 2

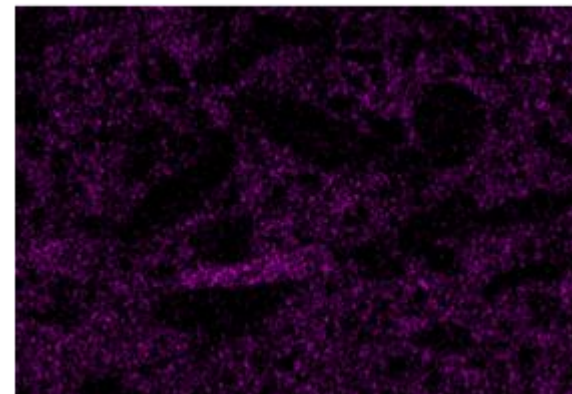


Si K α 1

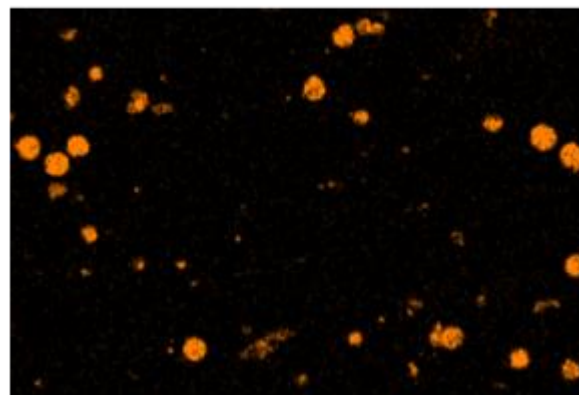
100μm

Al K α 1

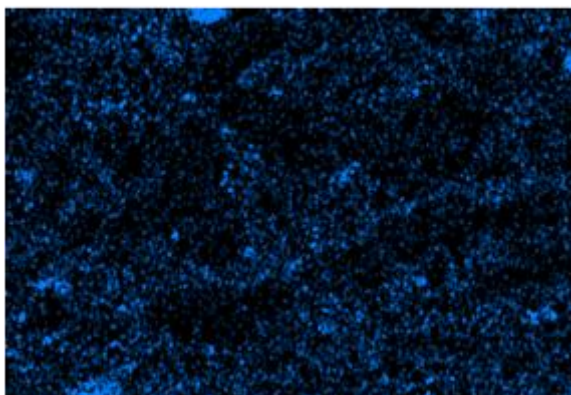
100μm

K K α 1

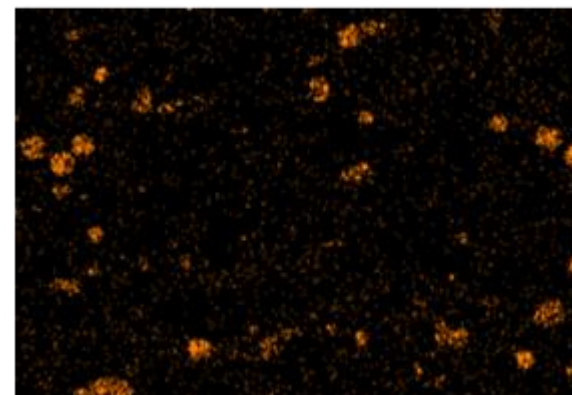
100μm

S K α 1

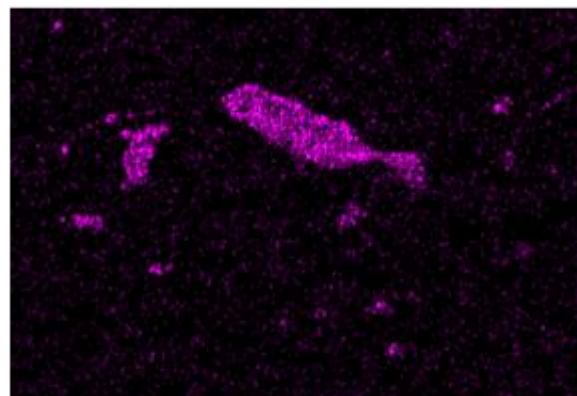
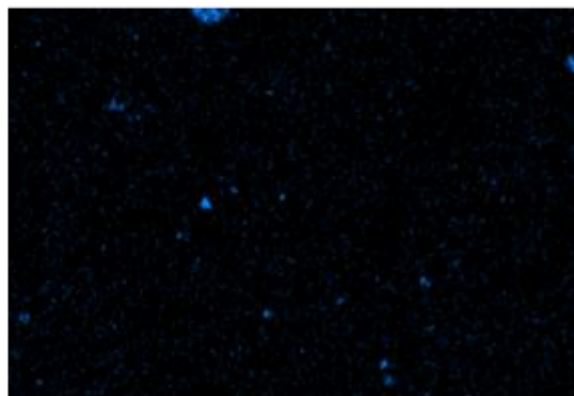
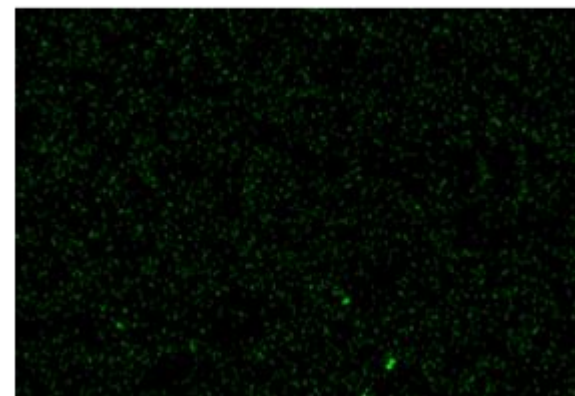
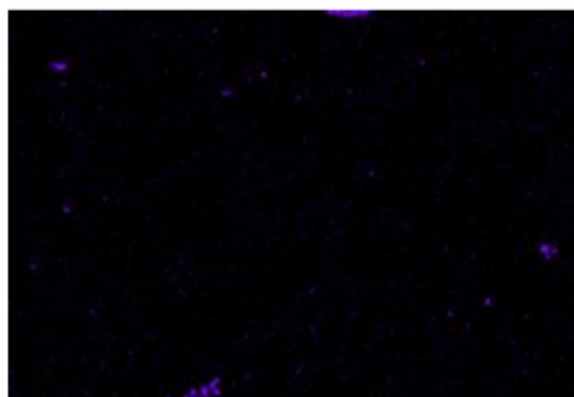
100μm

Mg K α 1_2

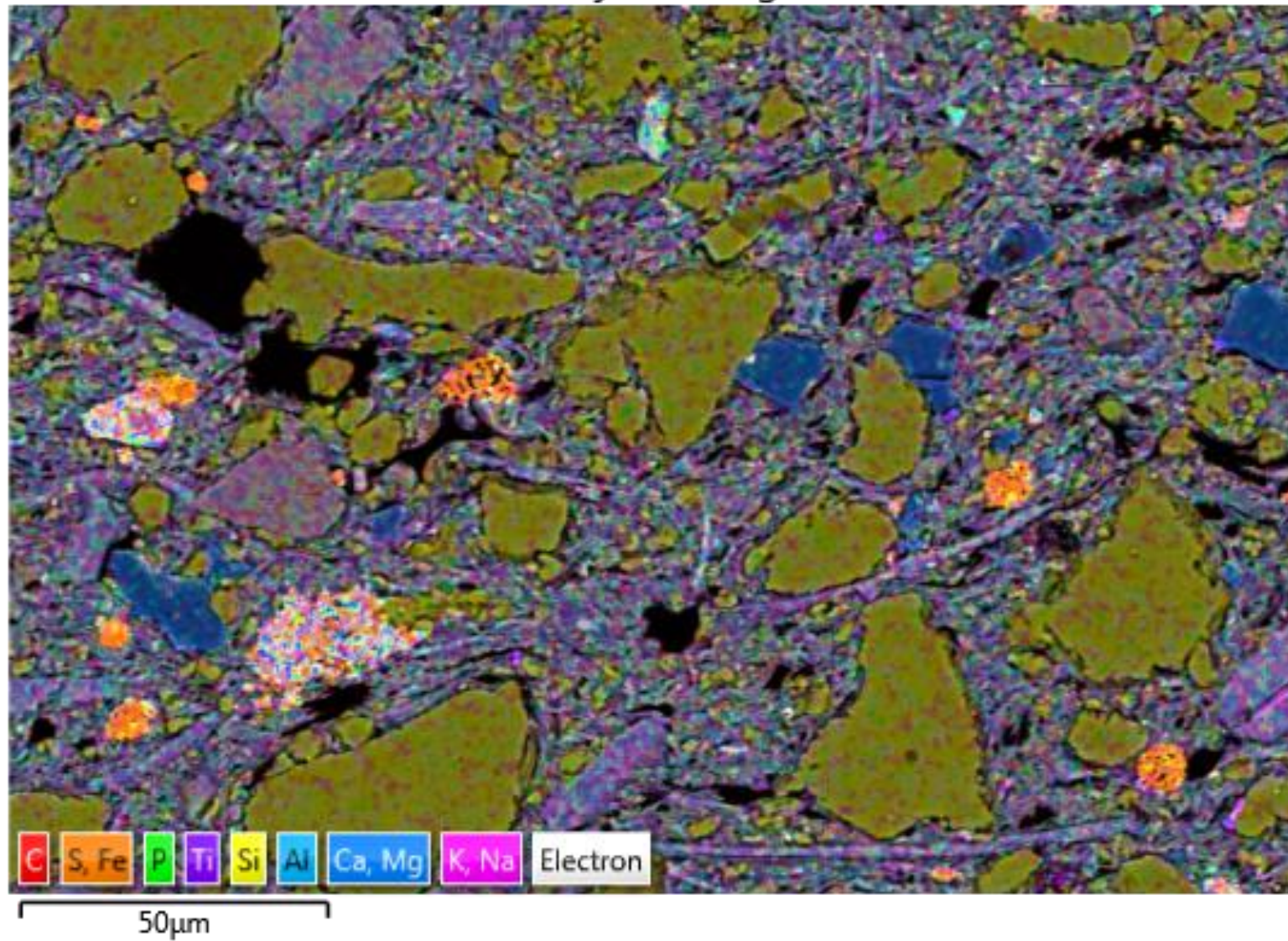
100μm

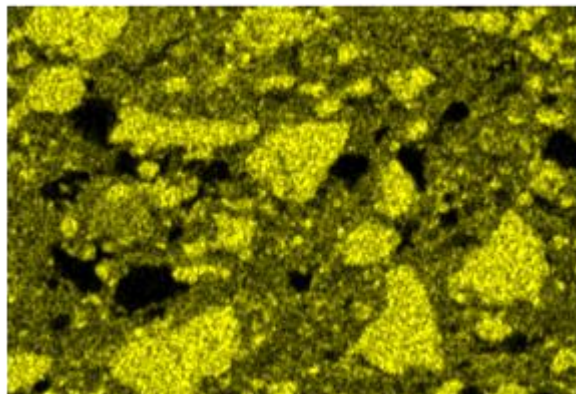
Fe K α 1

100μm

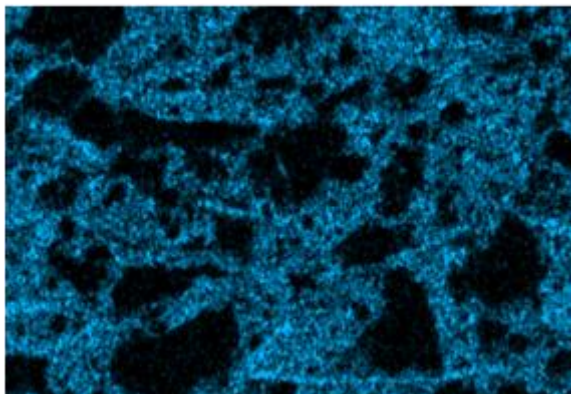
Na K α 1_2100 μ mCa K α 1100 μ mP K α 1100 μ mTi K α 1100 μ m

EDS Layered Image 3

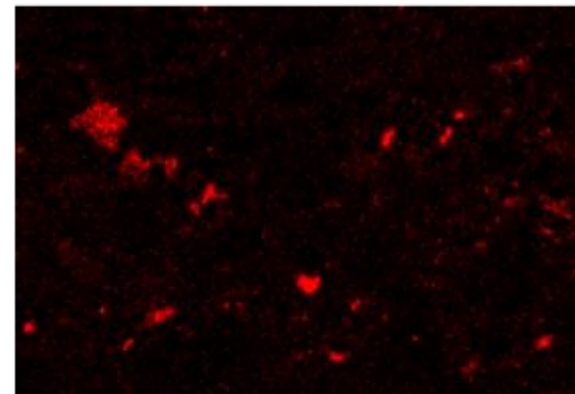


Si K α 1

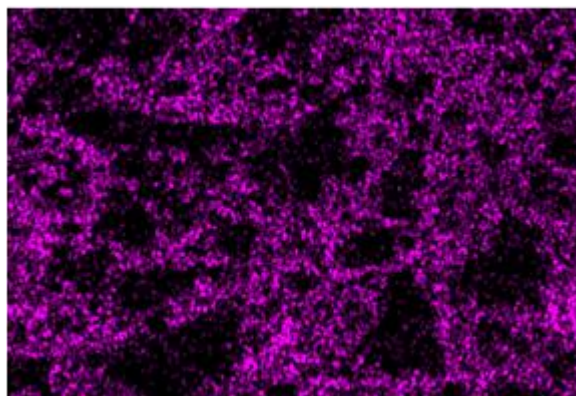
50μm

Al K α 1

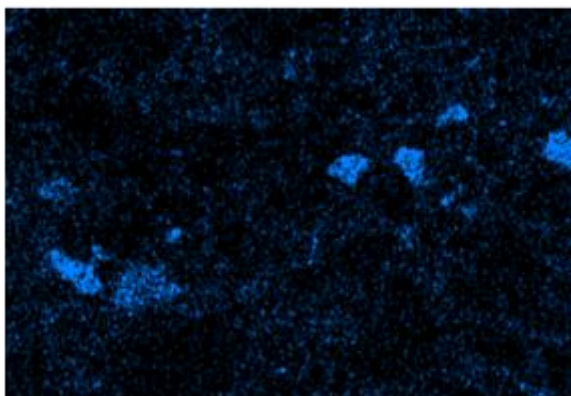
50μm

C K α 1_2

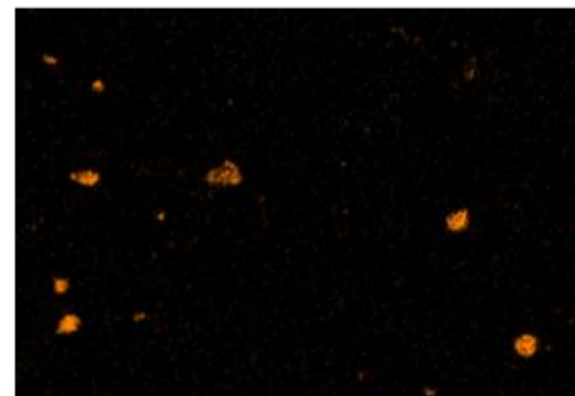
50μm

K K α 1

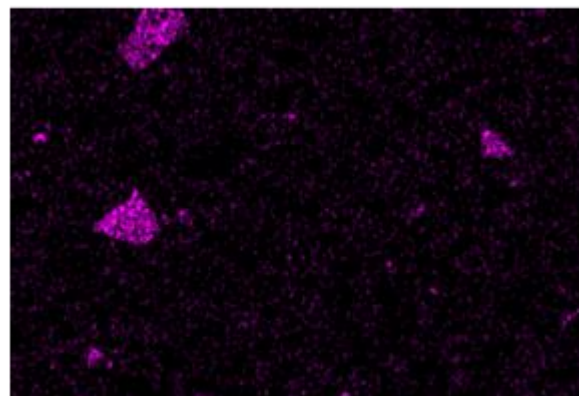
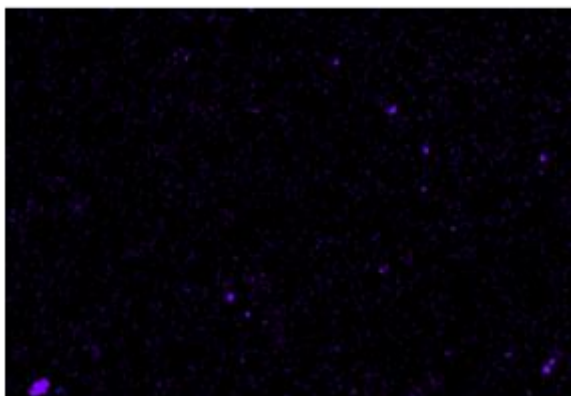
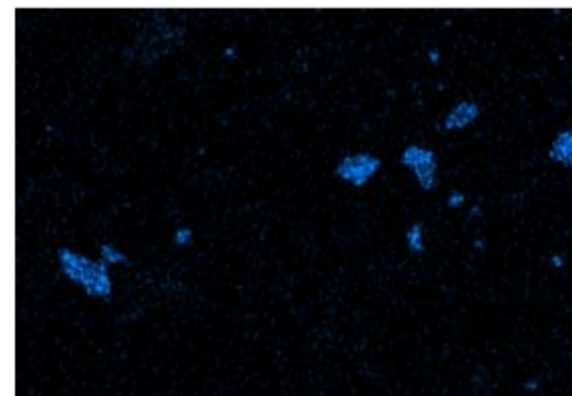
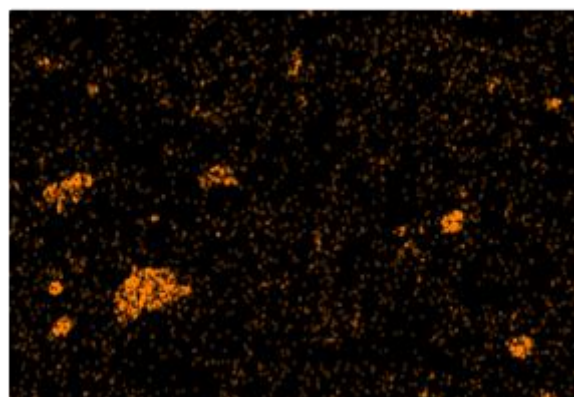
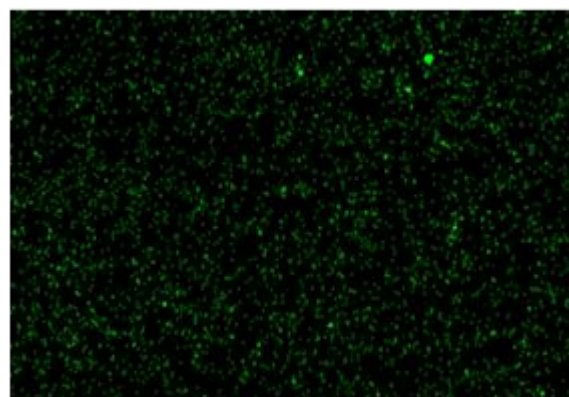
50μm

Mg K α 1_2

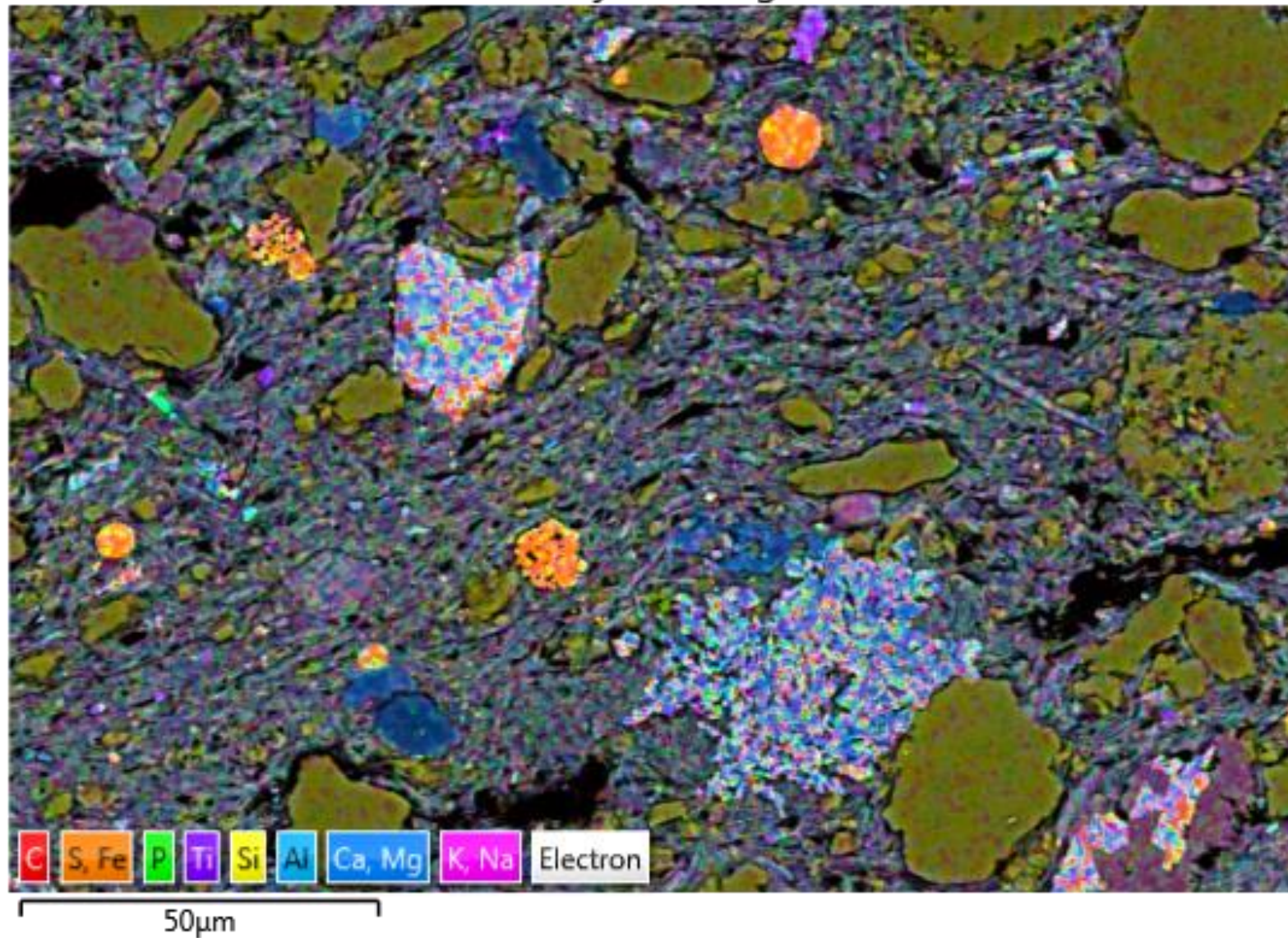
50μm

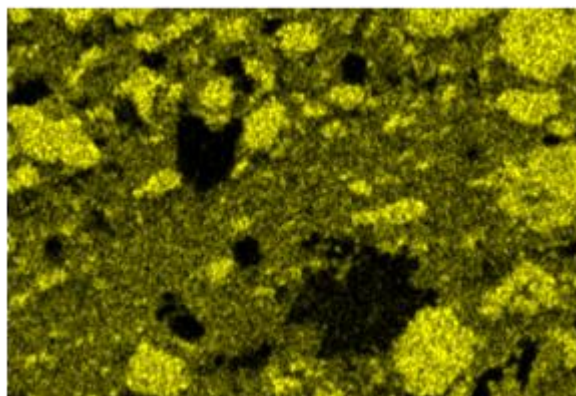
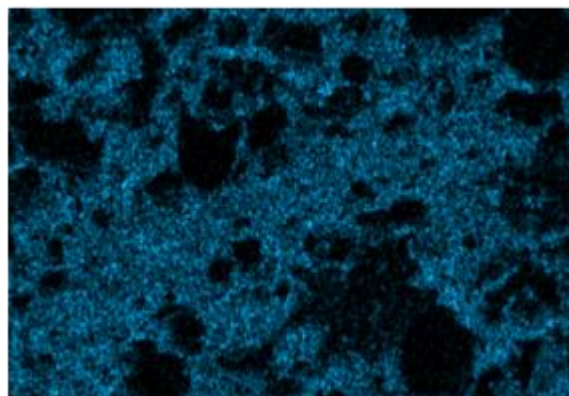
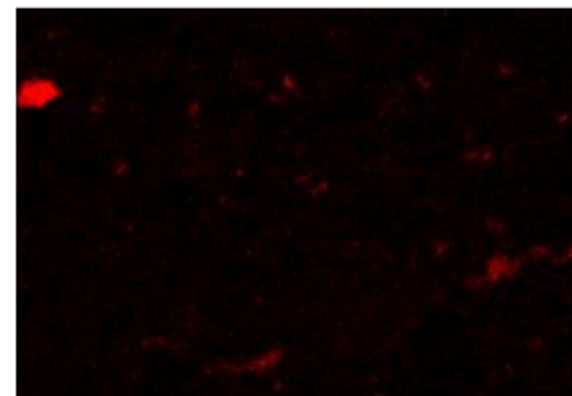
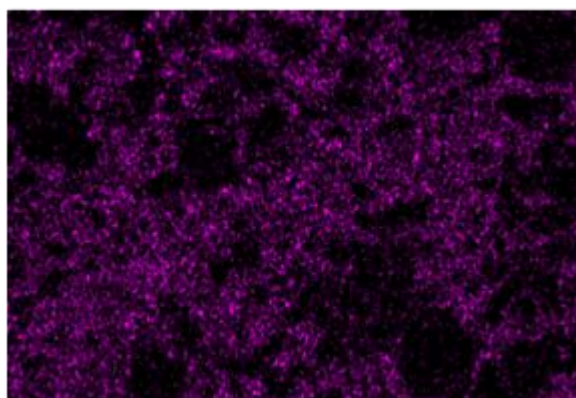
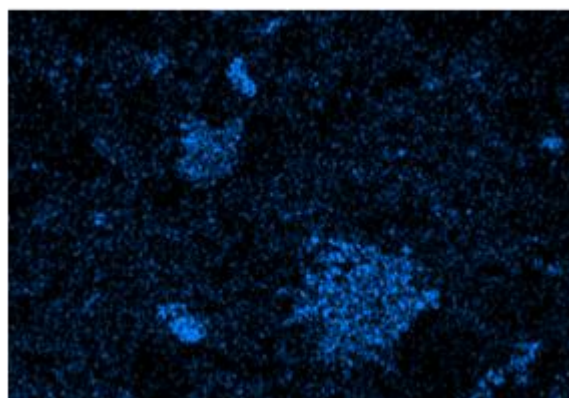
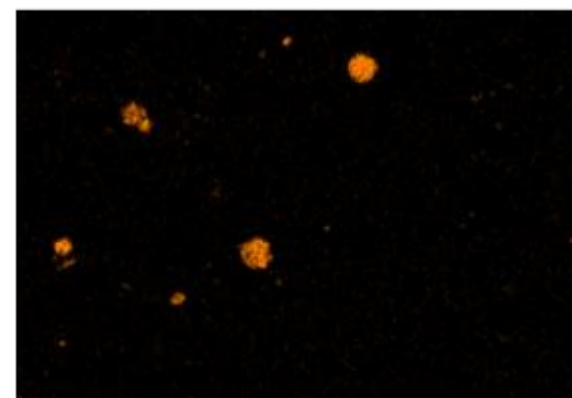
S K α 1

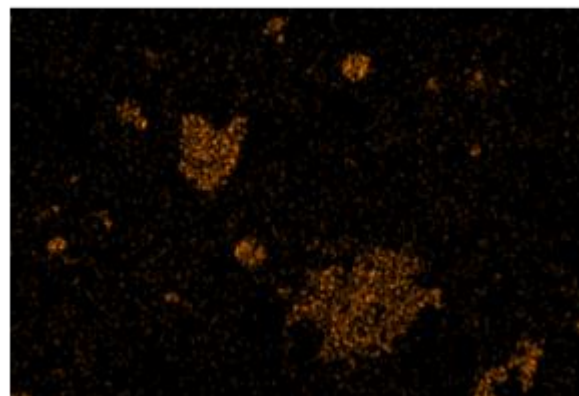
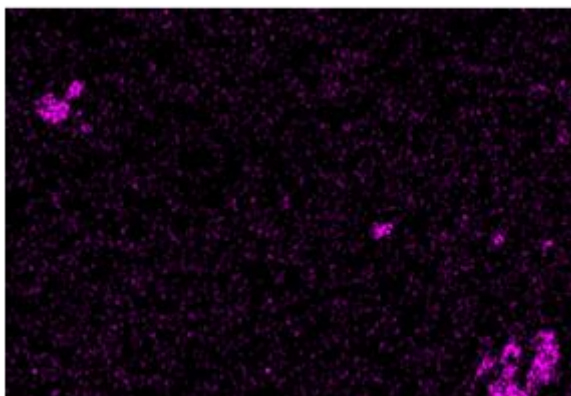
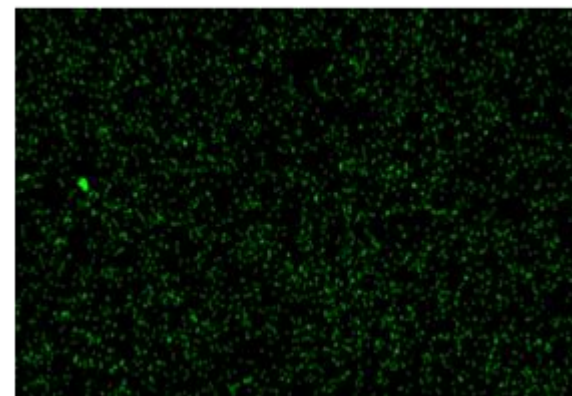
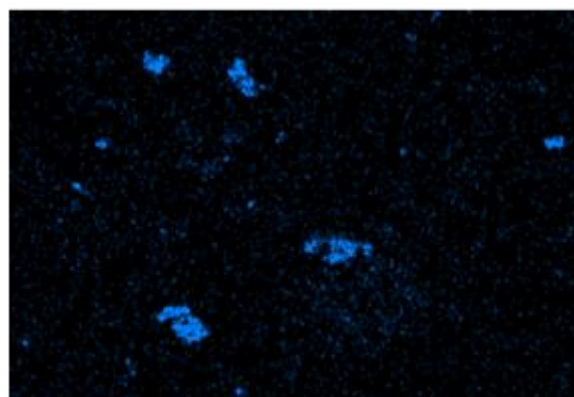
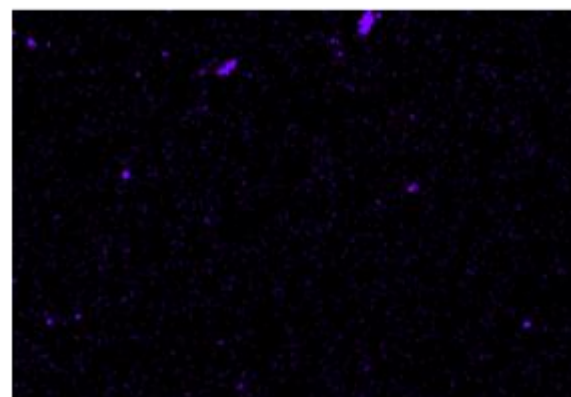
50μm

Na K α 1_250 μ mTi K α 150 μ mCa K α 150 μ mFe K α 150 μ mP K α 150 μ m

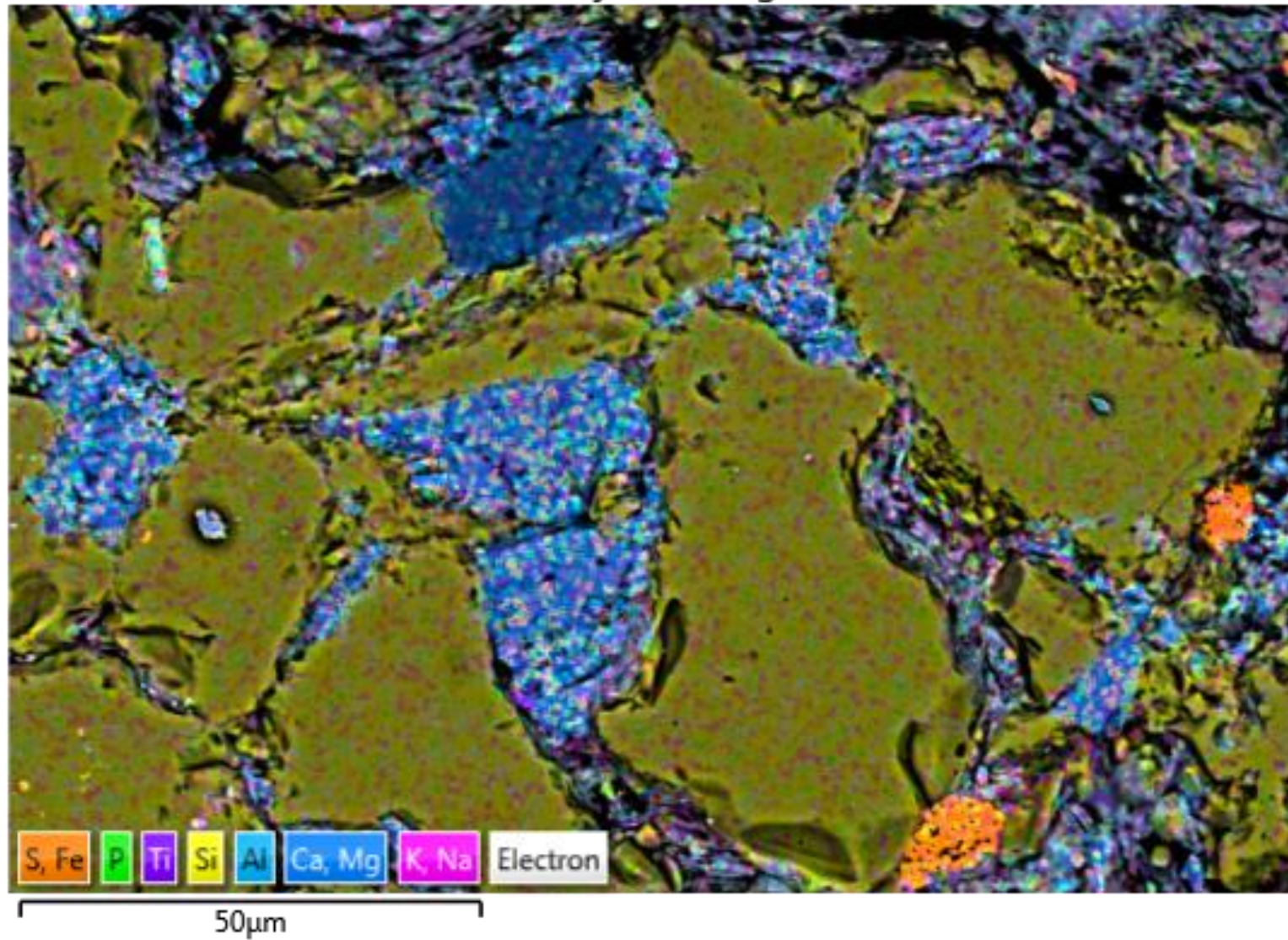
EDS Layered Image 4

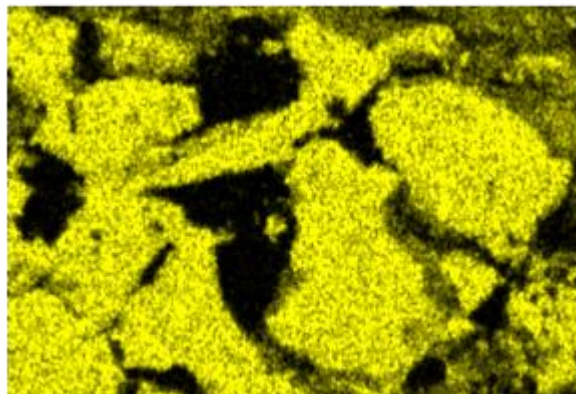


Si K α 150 μ mAl K α 150 μ mC K α 1_250 μ mK K α 150 μ mMg K α 1_250 μ mS K α 150 μ m

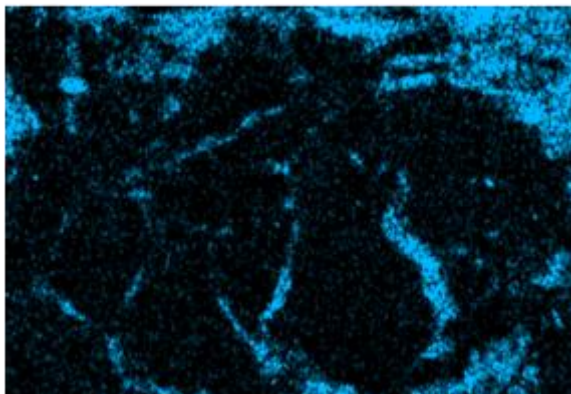
Fe K α 1Na K α 1_2P K α 1Ca K α 1Ti K α 1

EDS Layered Image 1

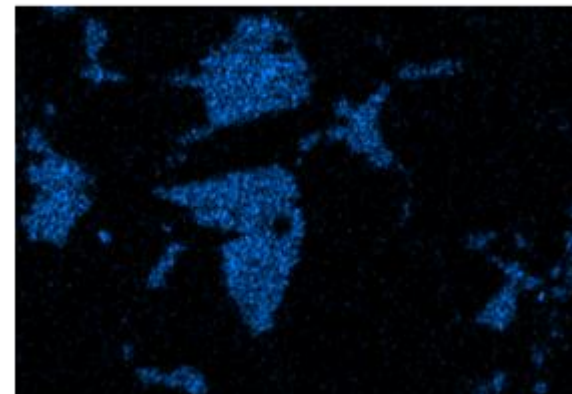


Si K α 1

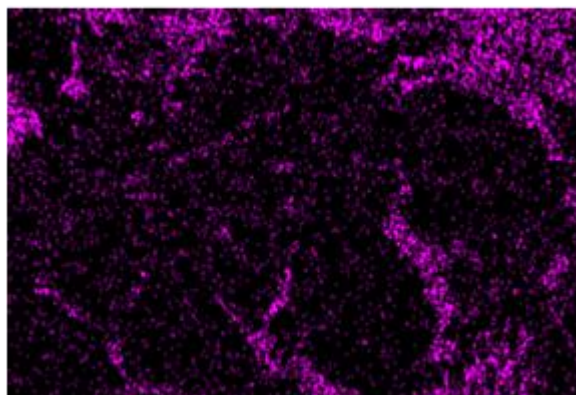
50μm

Al K α 1

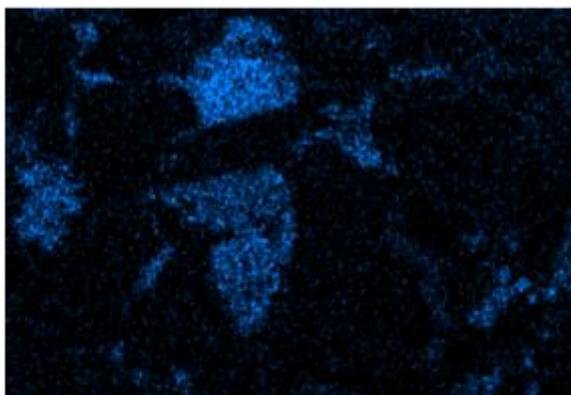
50μm

Ca K α 1

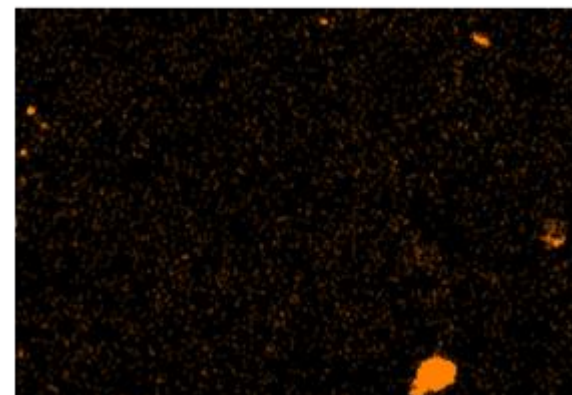
50μm

K K α 1

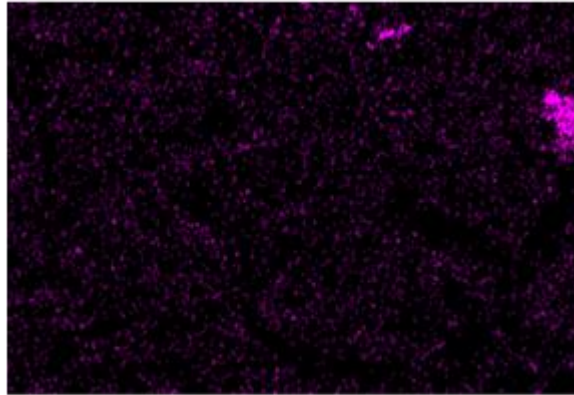
50μm

Mg K α 1_2

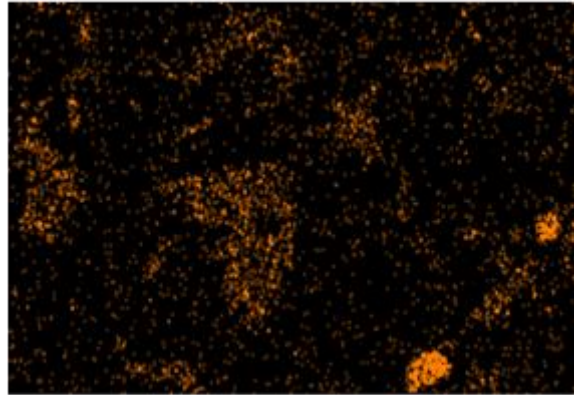
50μm

S K α 1

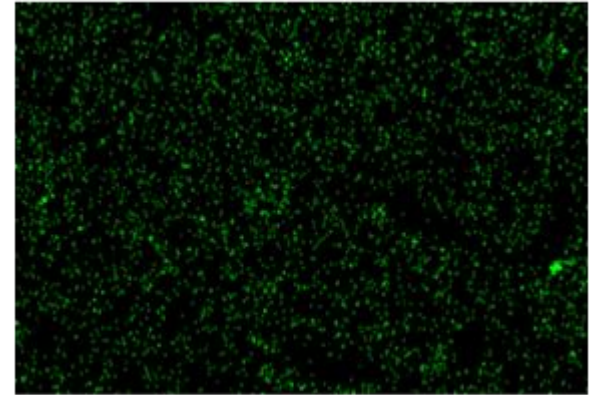
50μm

Na K α 1_2

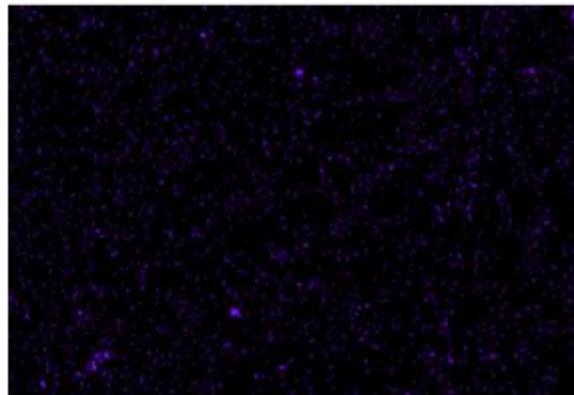
50μm

Fe K α 1

50μm

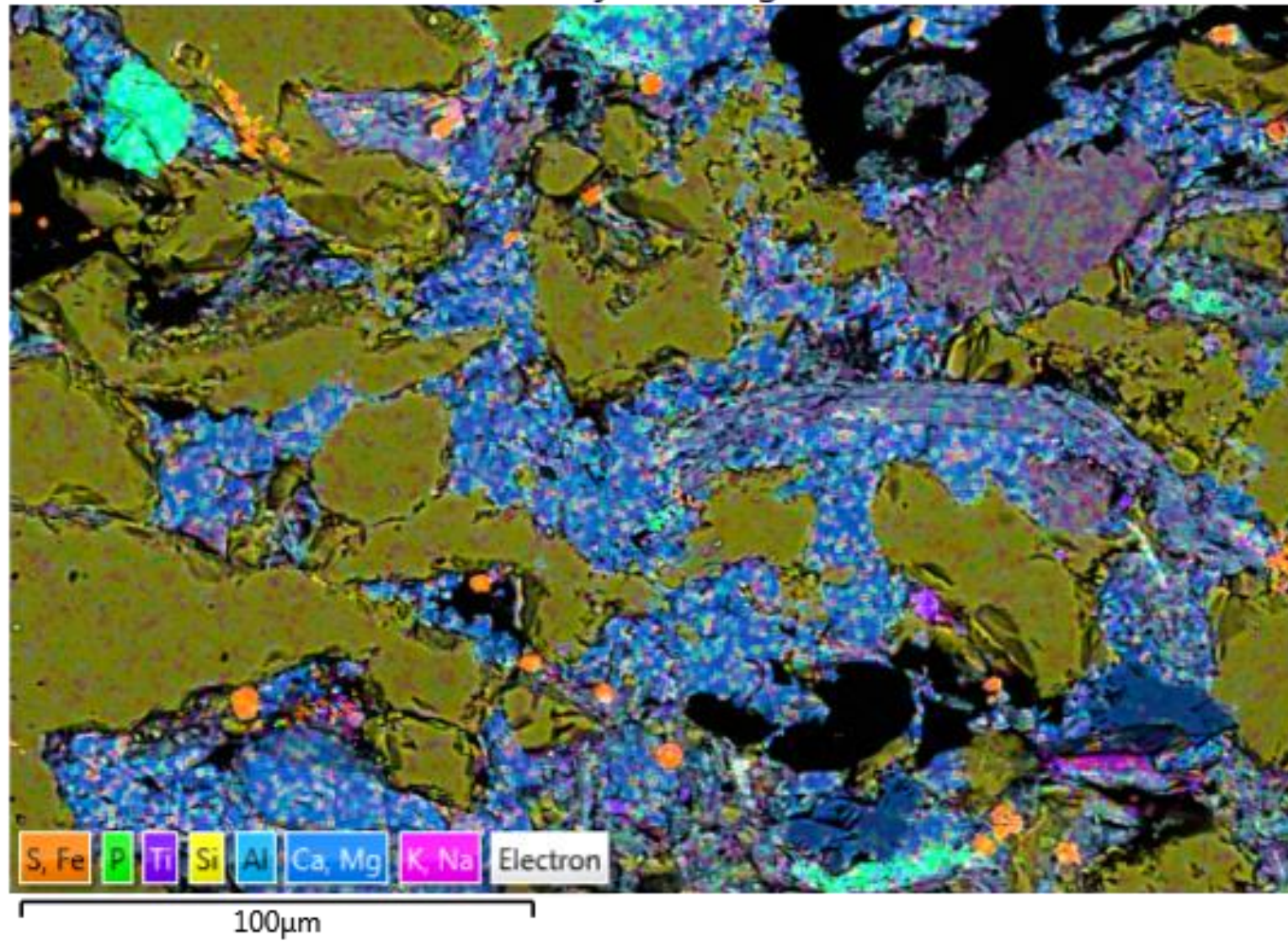
P K α 1

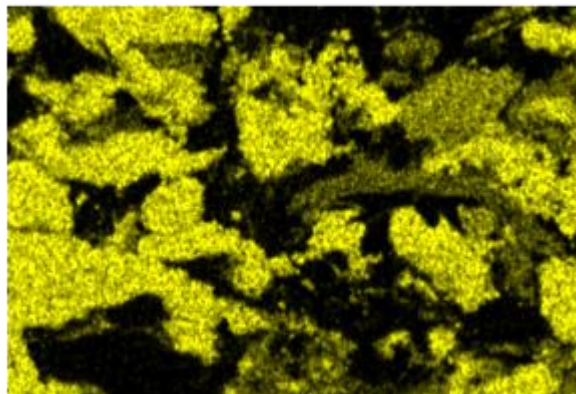
50μm

Ti K α 1

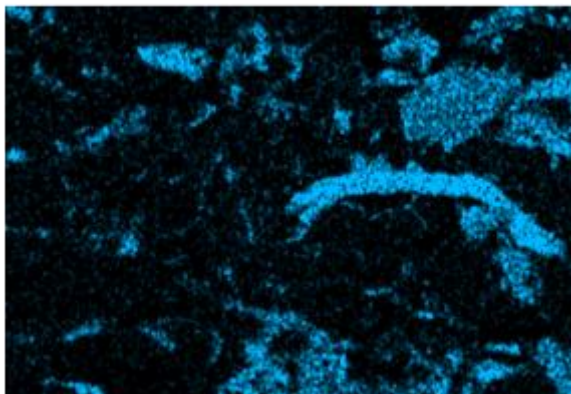
50μm

EDS Layered Image 2

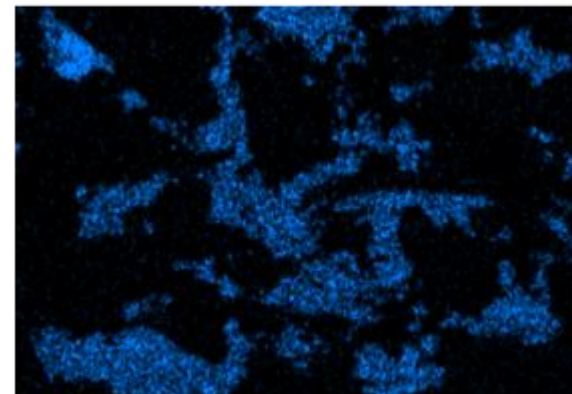


Si K α 1

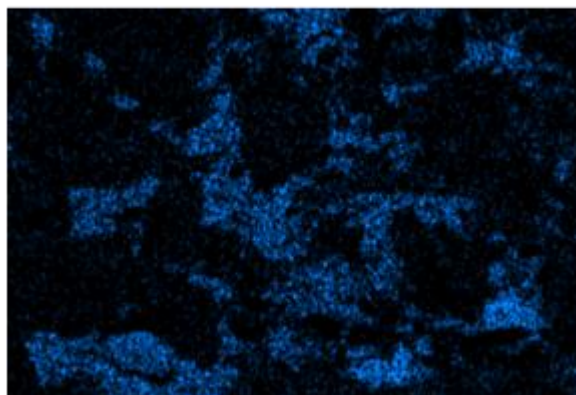
100μm

Al K α 1

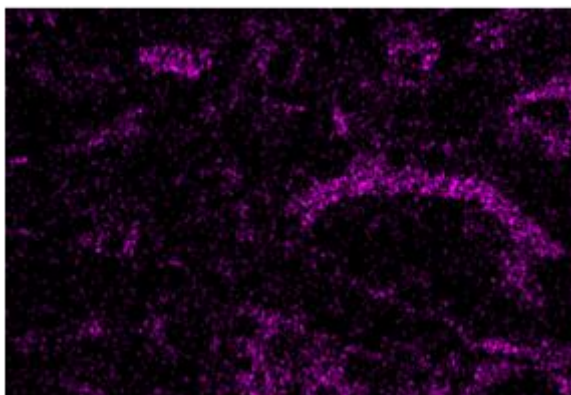
100μm

Ca K α 1

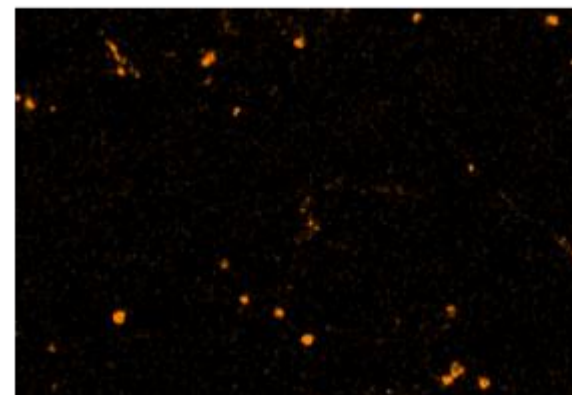
100μm

Mg K α 1_2

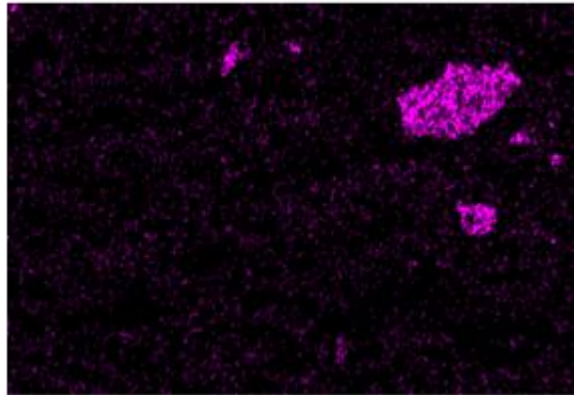
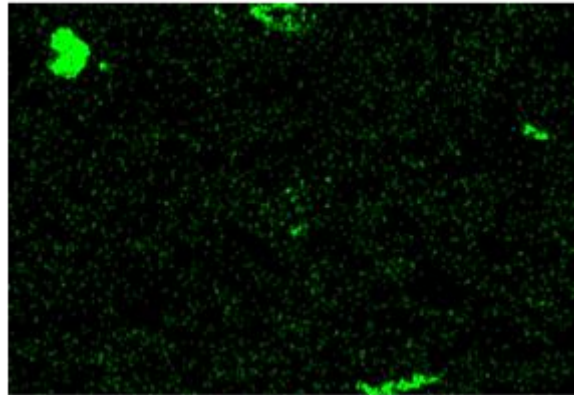
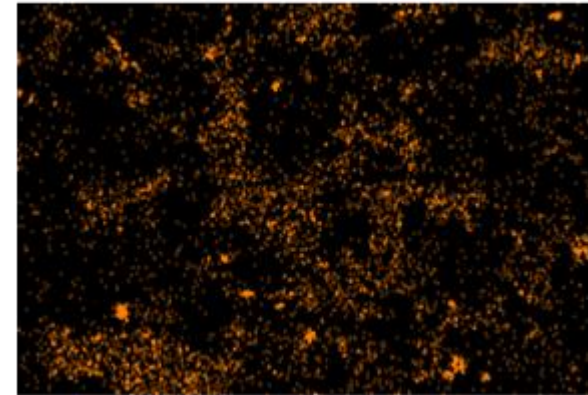
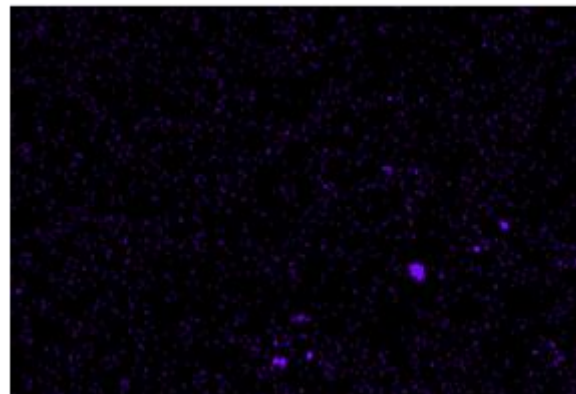
100μm

K K α 1

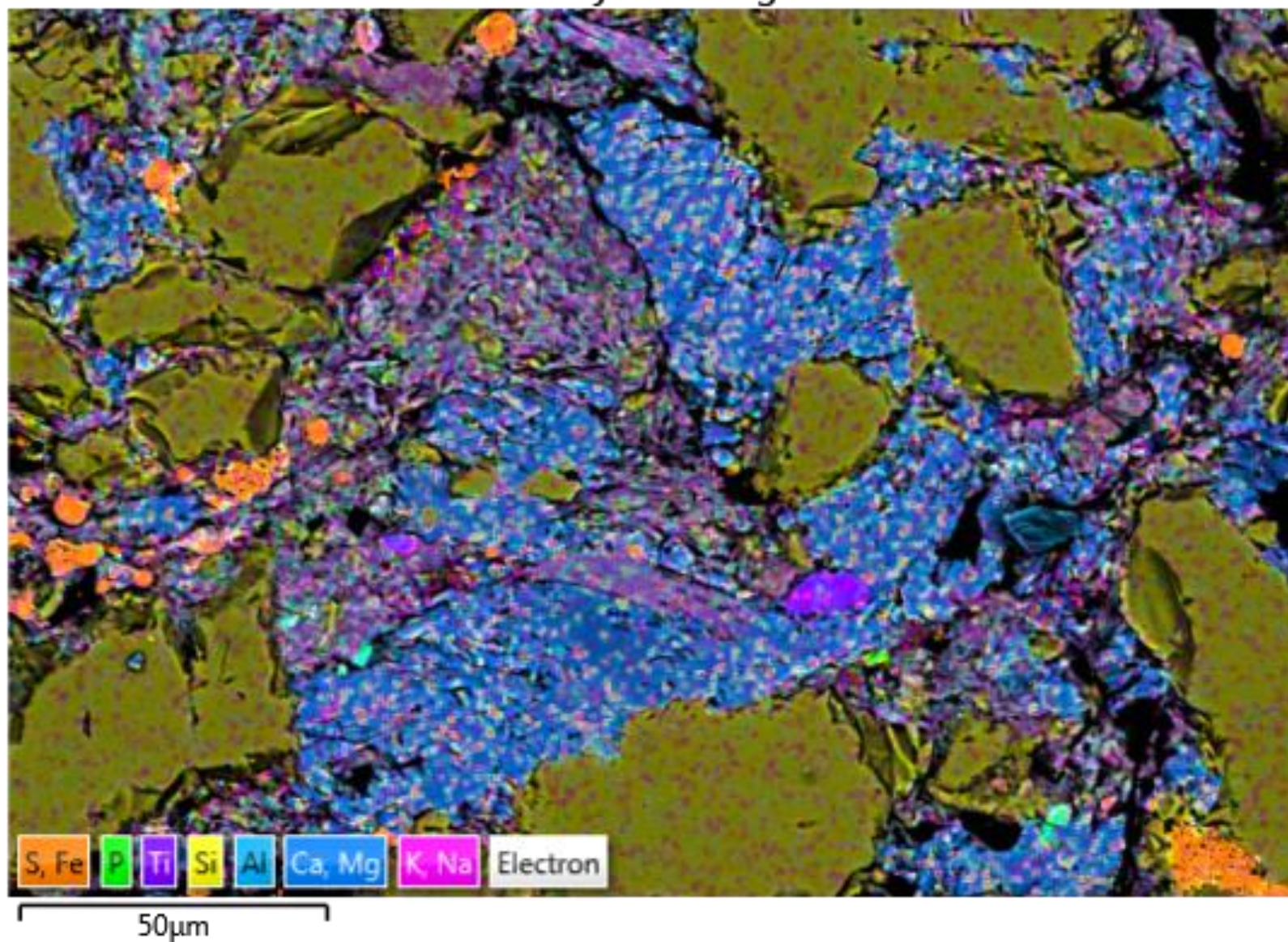
100μm

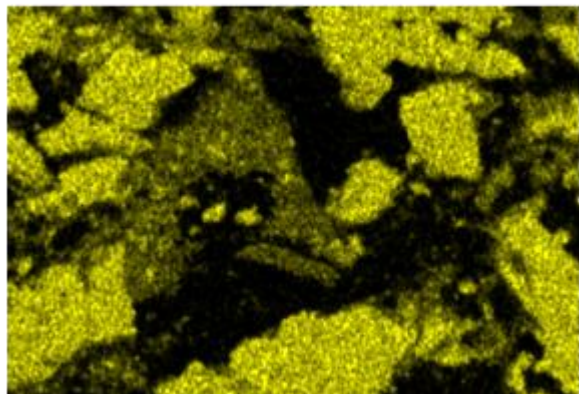
S K α 1

100μm

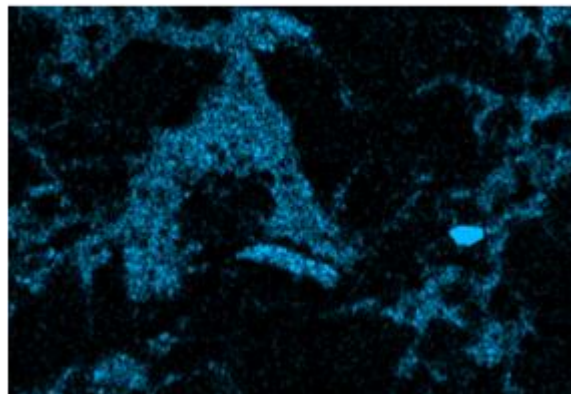
Na K α 1_2P K α 1Fe K α 1Ti K α 1

EDS Layered Image 3

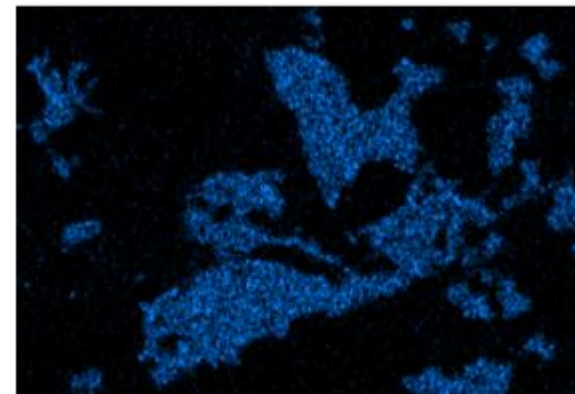


Si K α 1

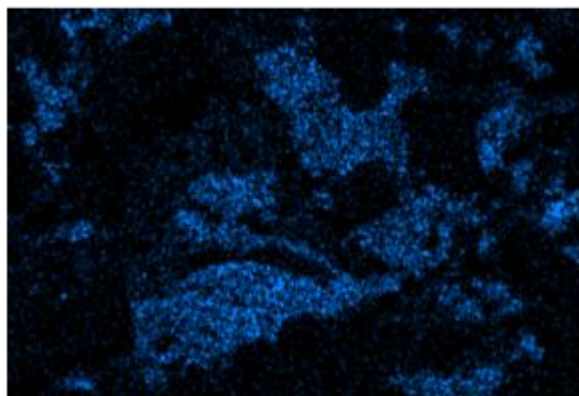
50μm

Al K α 1

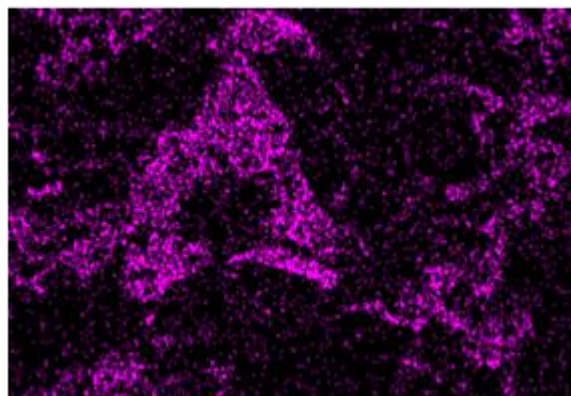
50μm

Ca K α 1

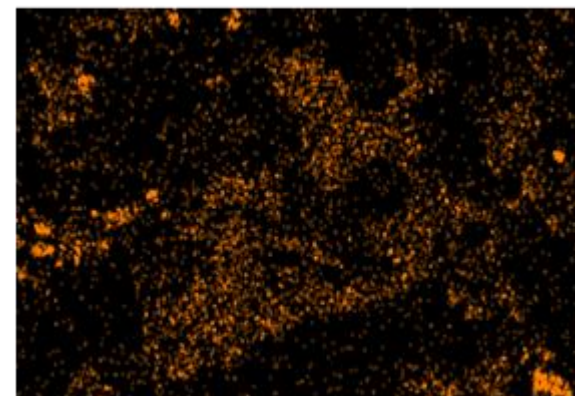
50μm

Mg K α 1_2

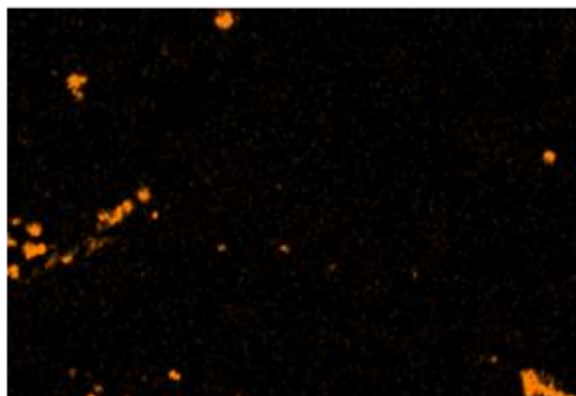
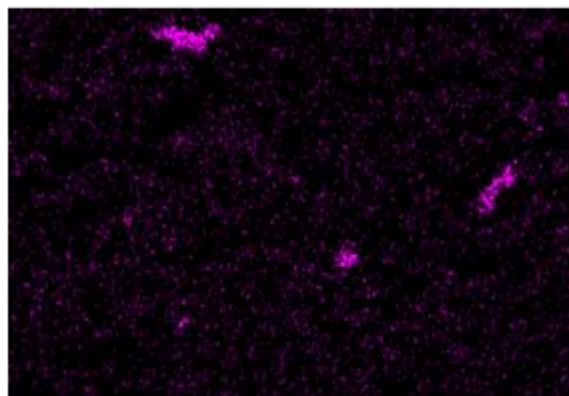
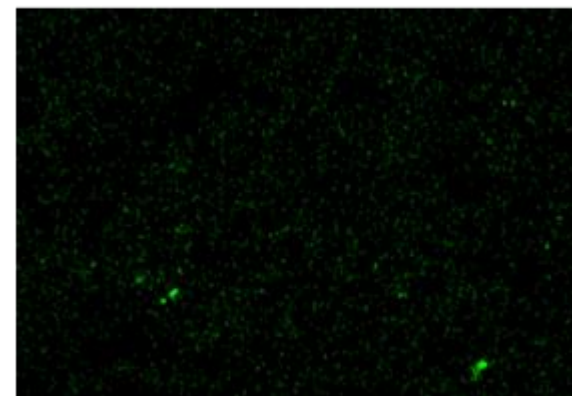
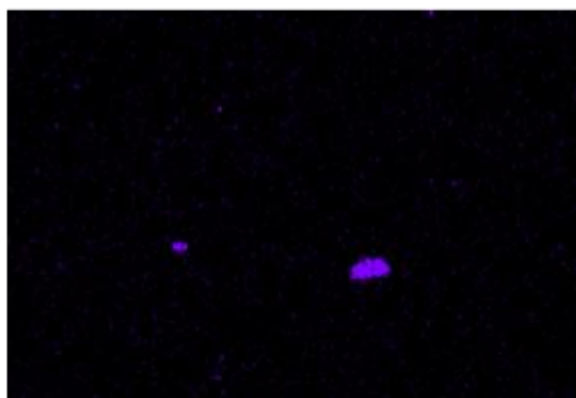
50μm

K K α 1

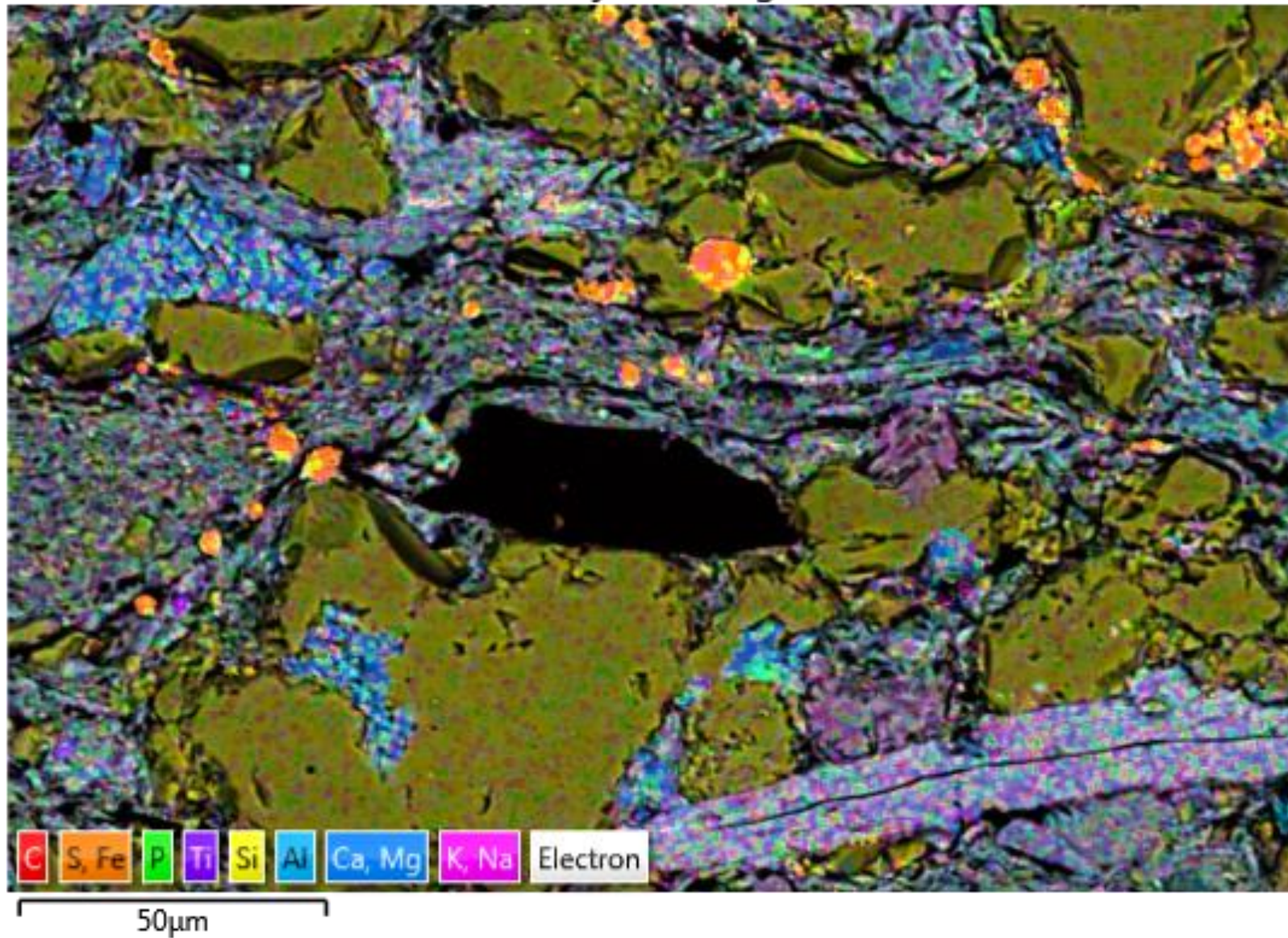
50μm

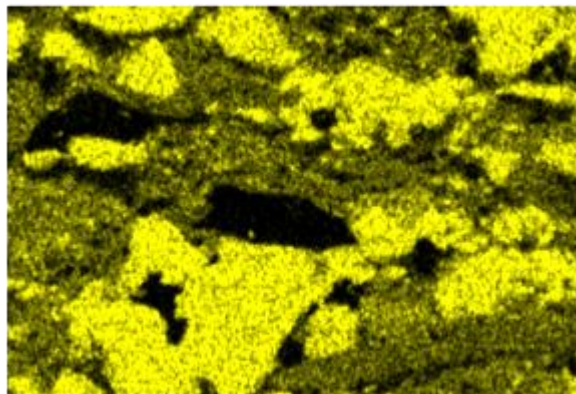
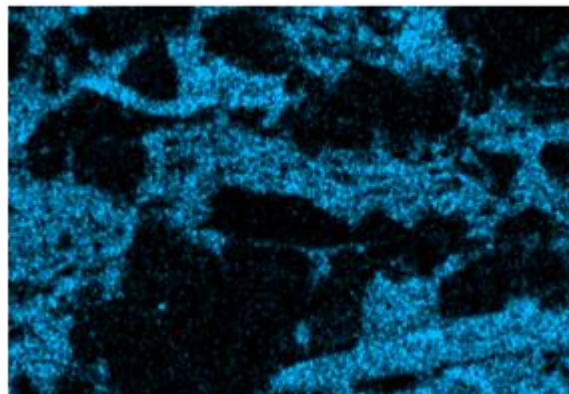
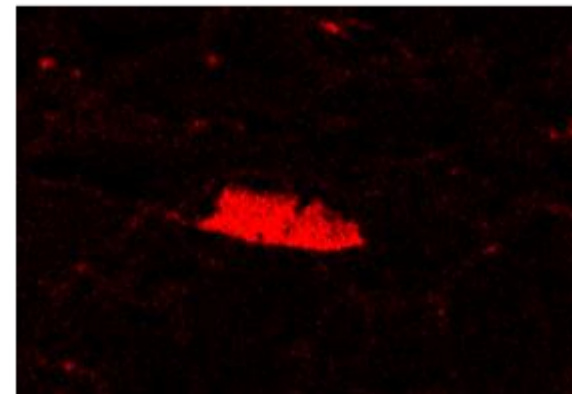
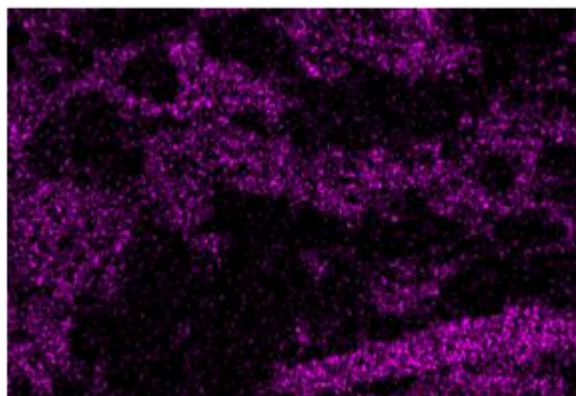
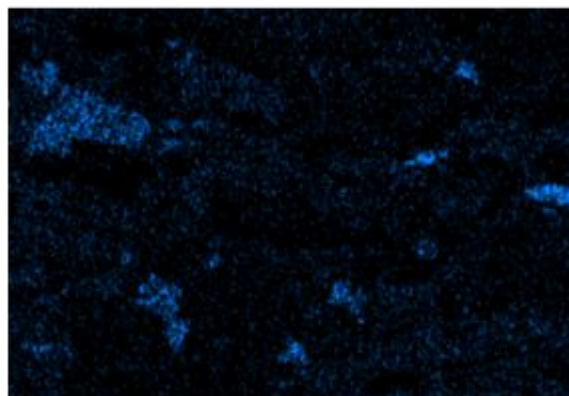
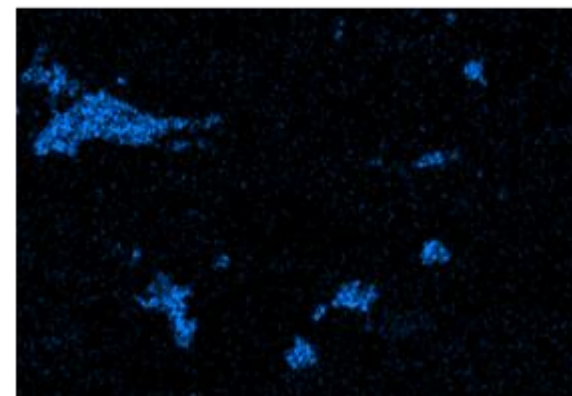
Fe K α 1

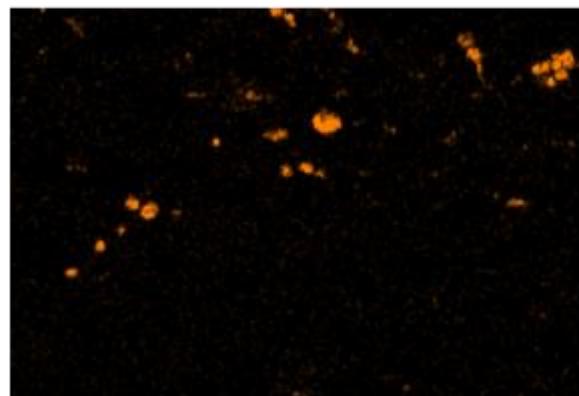
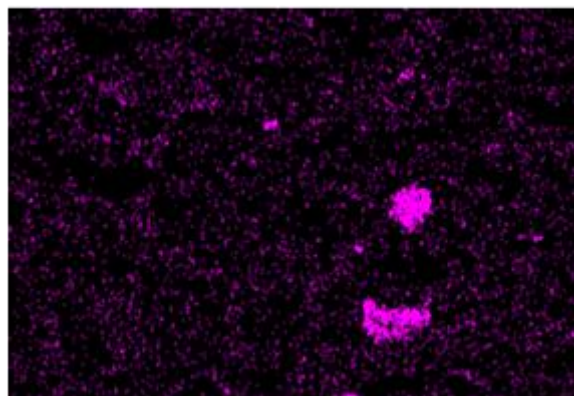
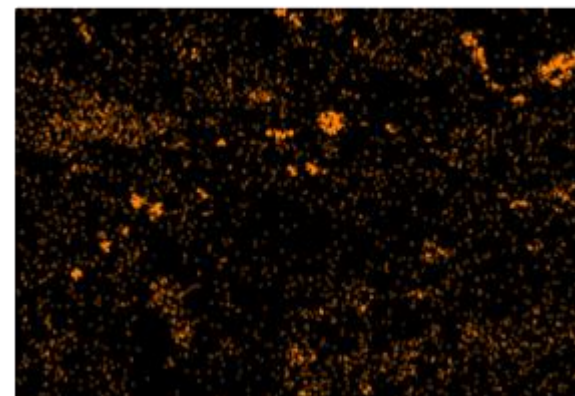
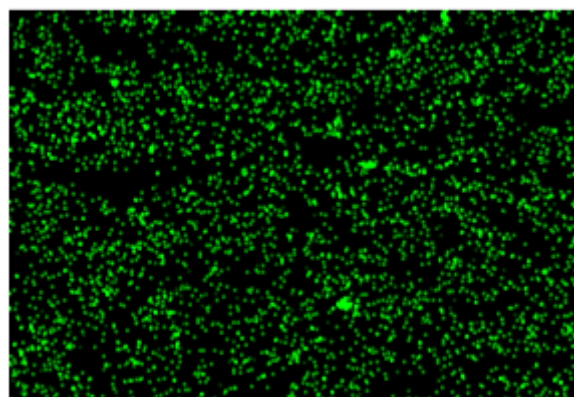
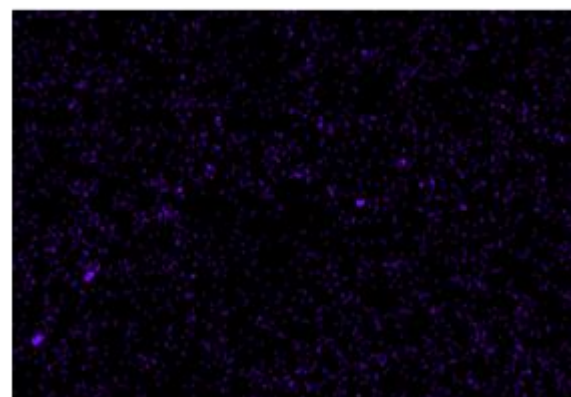
50μm

S K α 150 μ mNa K α 1_250 μ mP K α 150 μ mTi K α 150 μ m

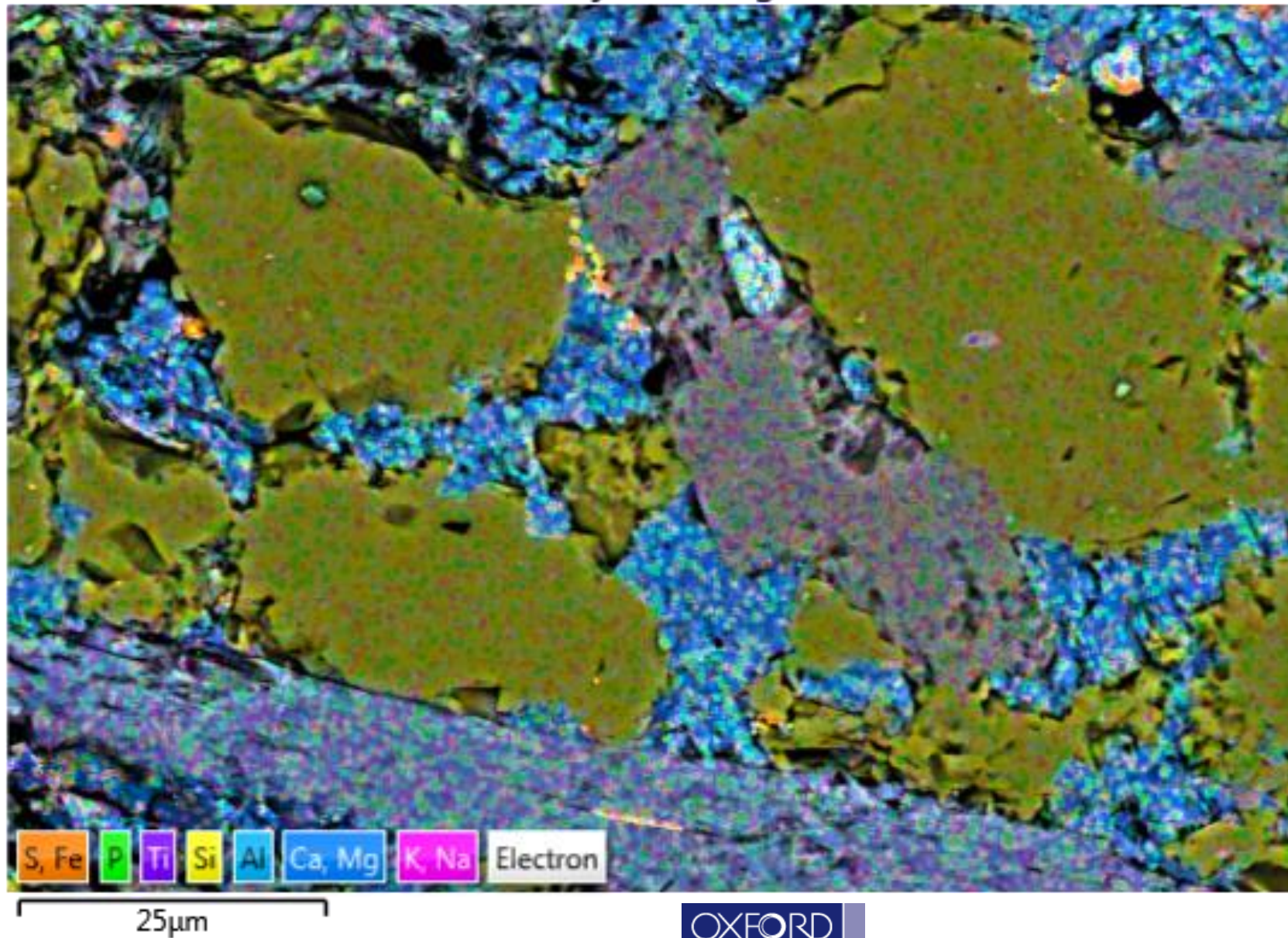
EDS Layered Image 4

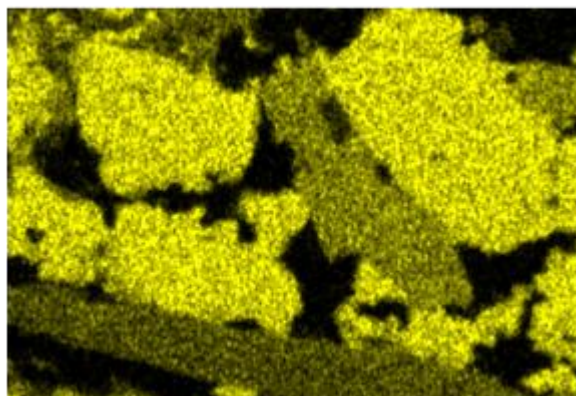


Si K α 150 μ mAl K α 150 μ mC K α 1_250 μ mK K α 150 μ mMg K α 1_250 μ mCa K α 150 μ m

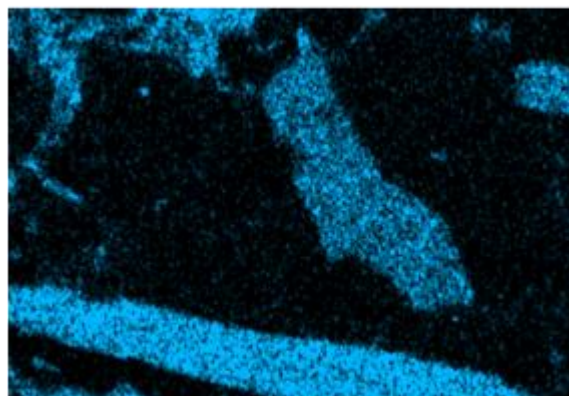
S K α 1Na K α 1_2Fe K α 1P K α 1Ti K α 1

EDS Layered Image 5

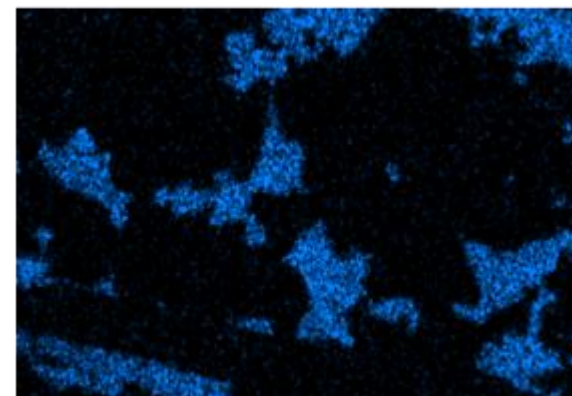


Si K α 1

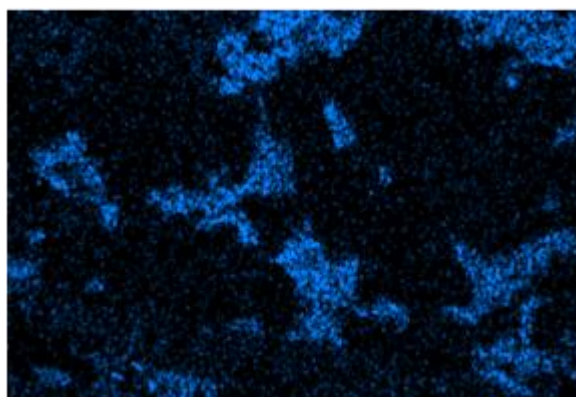
25μm

Al K α 1

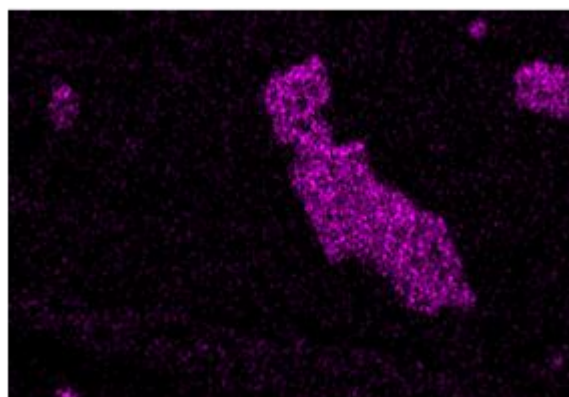
25μm

Ca K α 1

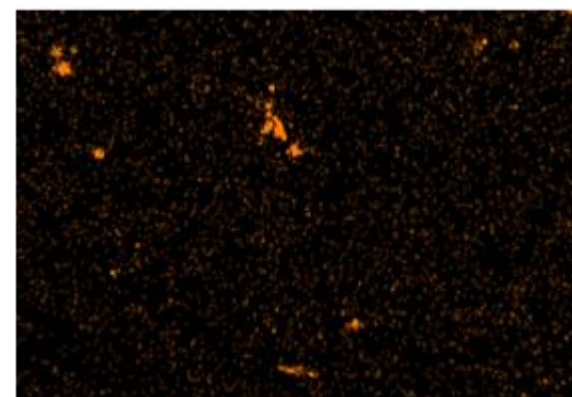
25μm

Mg K α 1_2

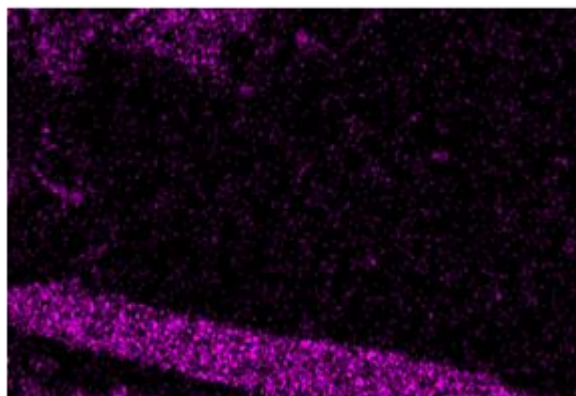
25μm

Na K α 1_2

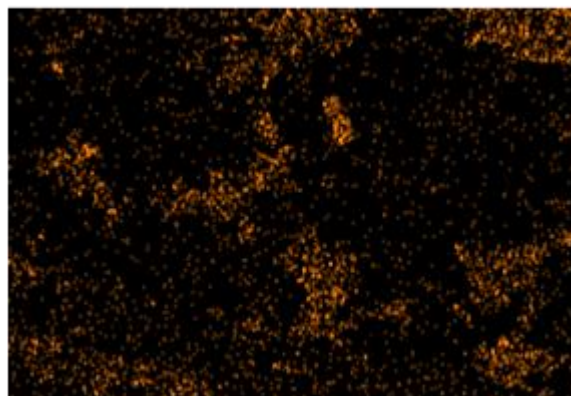
25μm

S K α 1

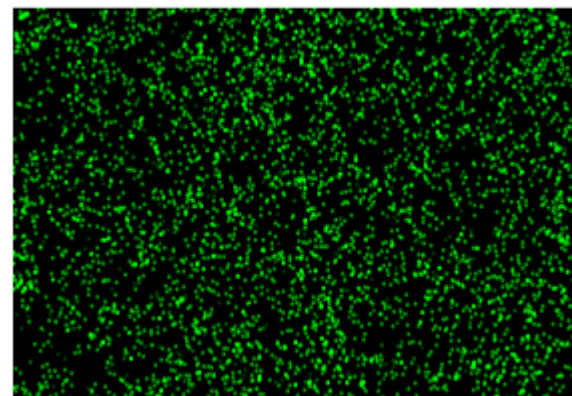
25μm

K K α 1

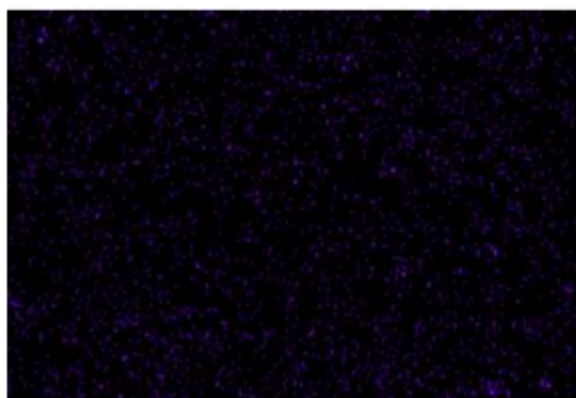
25μm

Fe K α 1

25μm

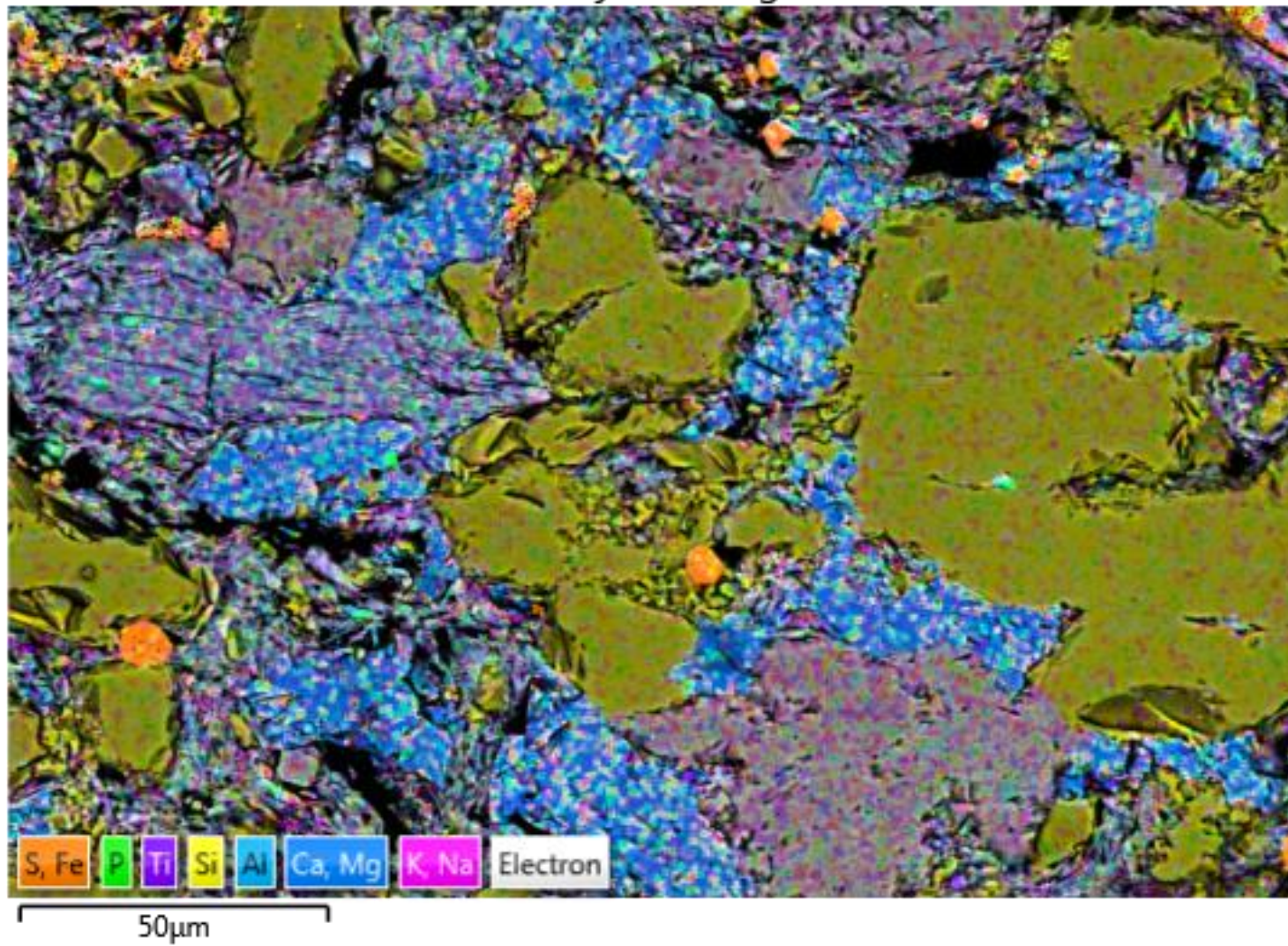
P K α 1

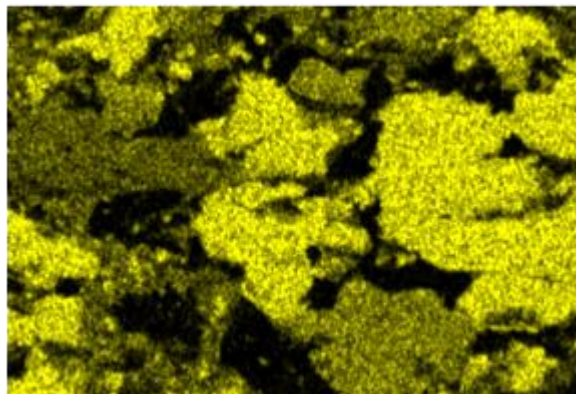
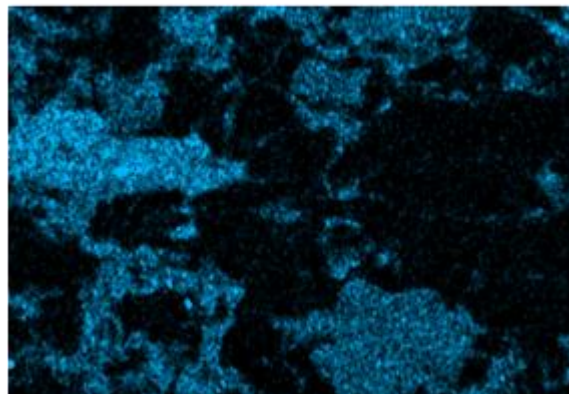
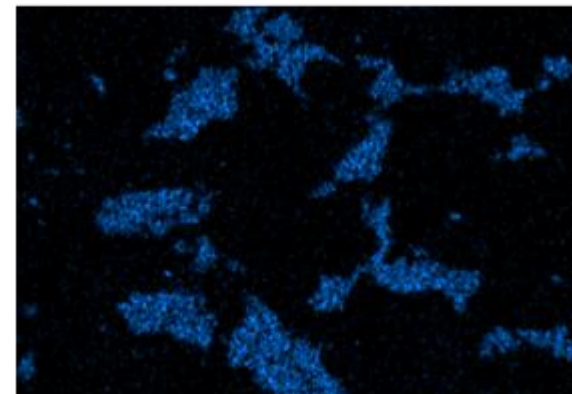
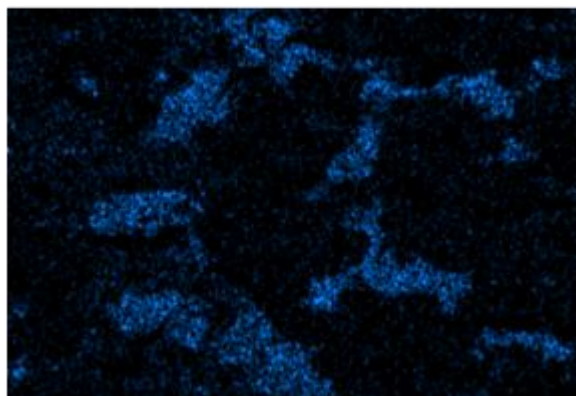
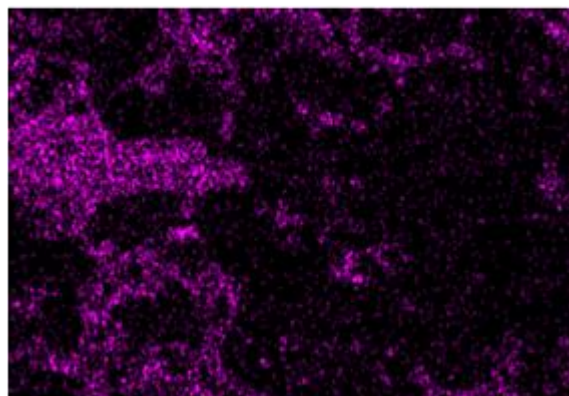
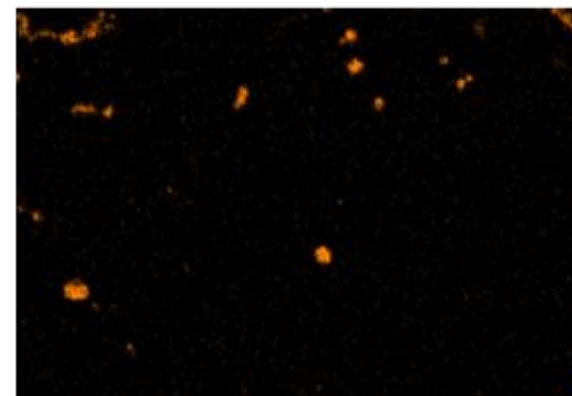
25μm

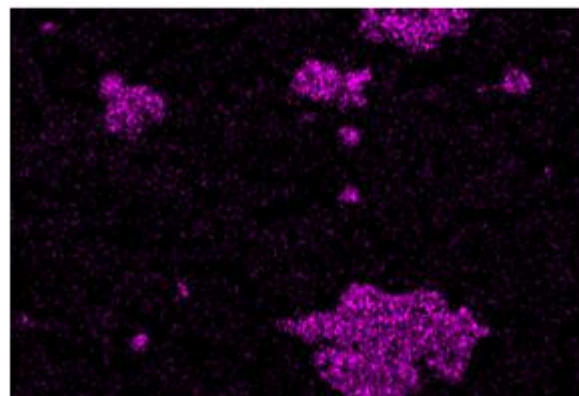
Ti K α 1

25μm

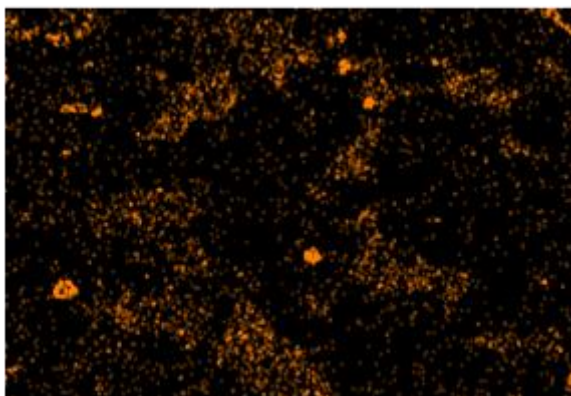
EDS Layered Image 6



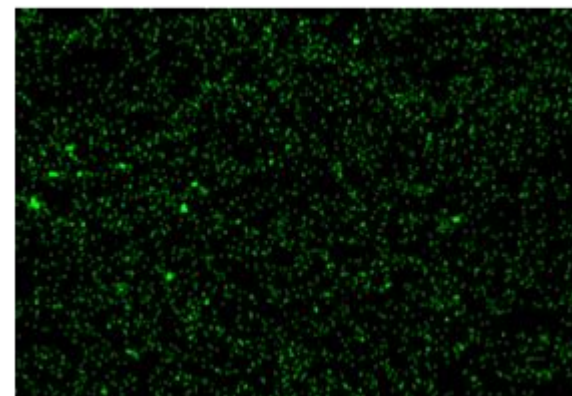
Si K α 150 μ mAl K α 150 μ mCa K α 150 μ mMg K α 1_250 μ mK K α 150 μ mS K α 150 μ m

Na K α 1_2

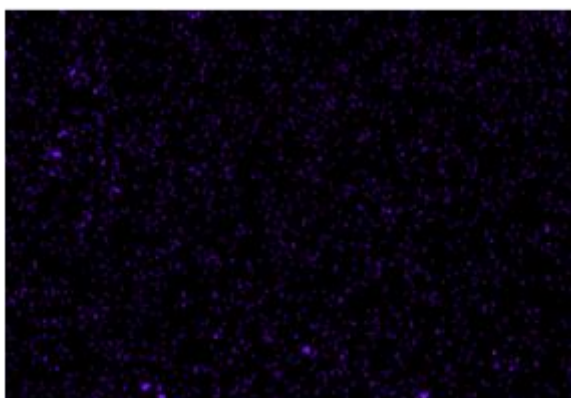
50μm

Fe K α 1

50μm

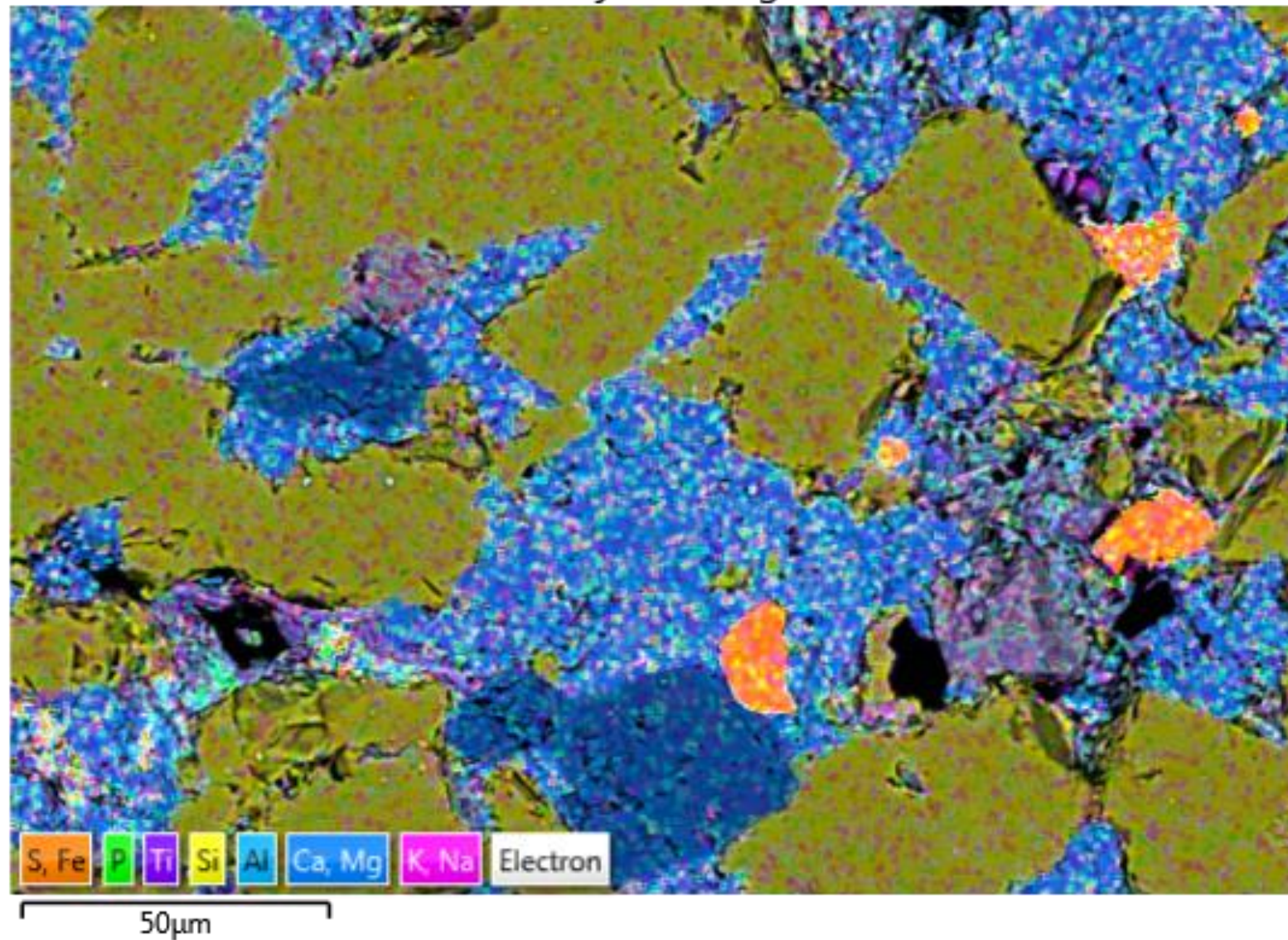
P K α 1

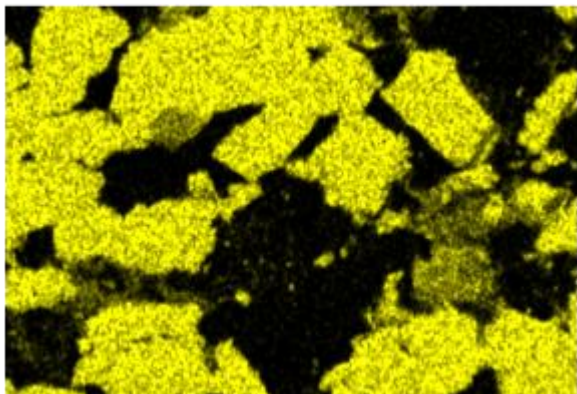
50μm

Ti K α 1

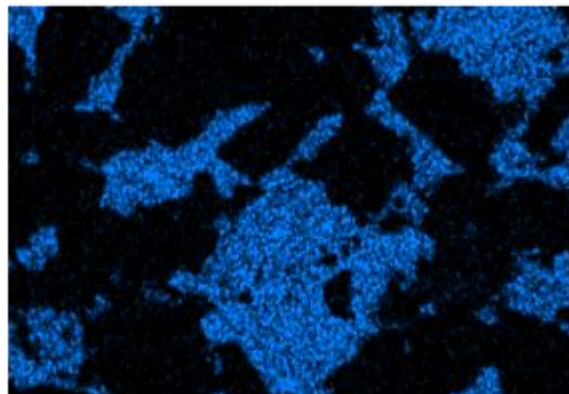
50μm

EDS Layered Image 7

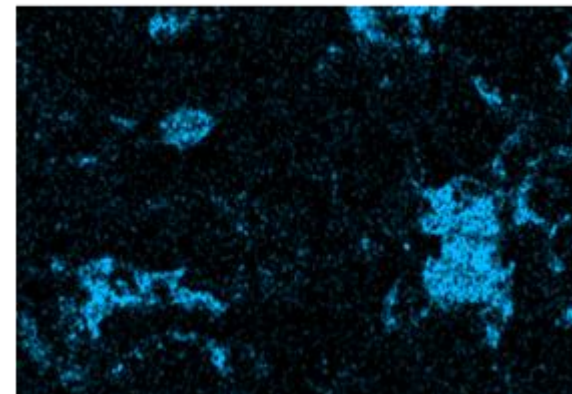


Si K α 1

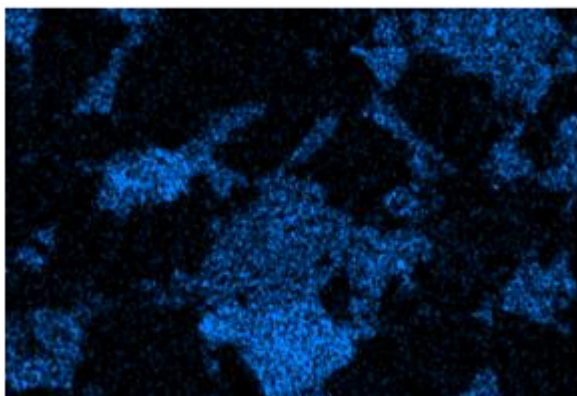
50μm

Ca K α 1

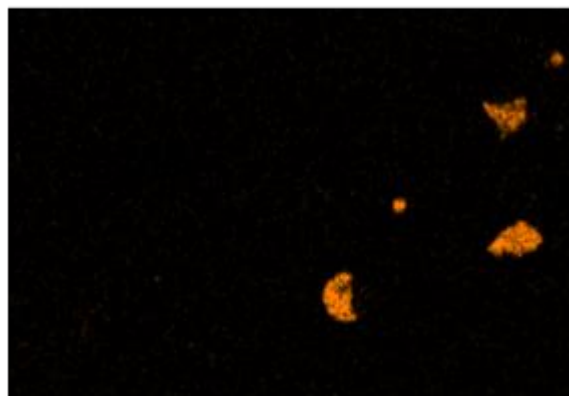
50μm

Al K α 1

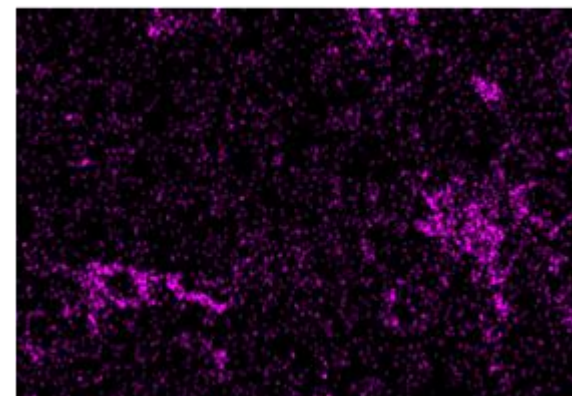
50μm

Mg K α 1_2

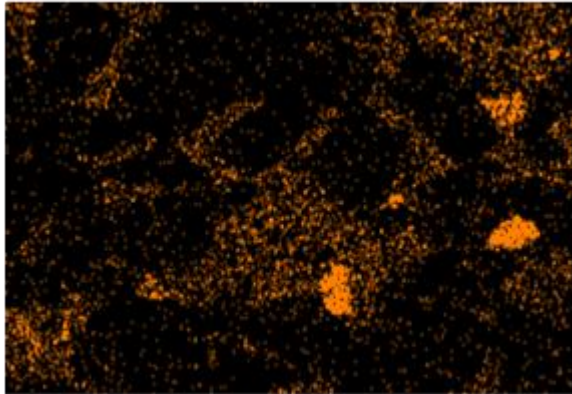
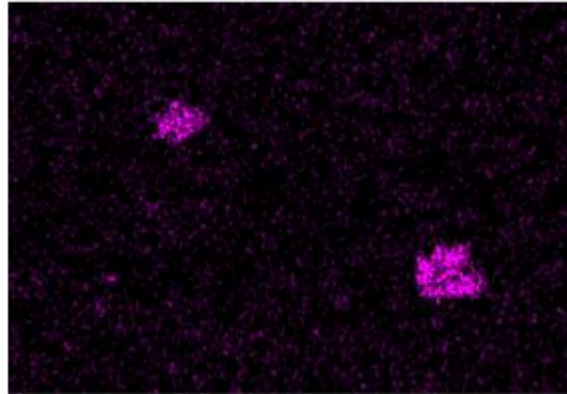
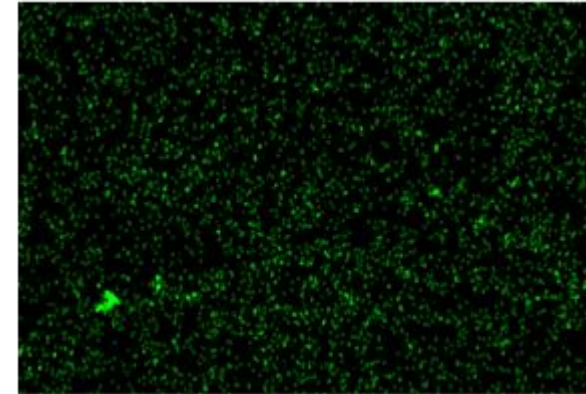
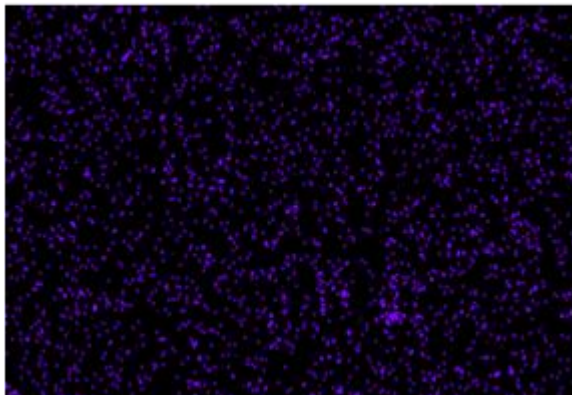
50μm

S K α 1

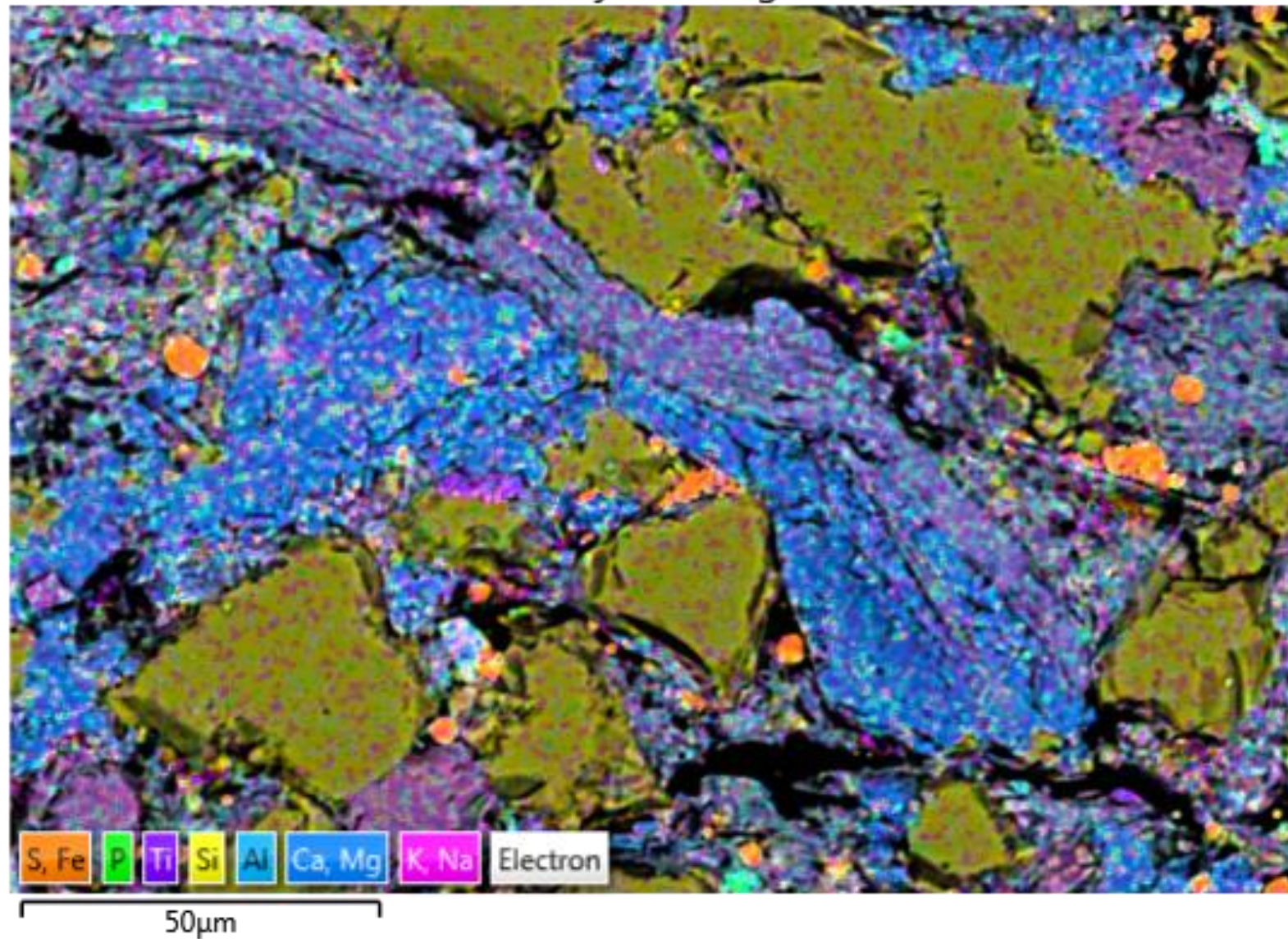
50μm

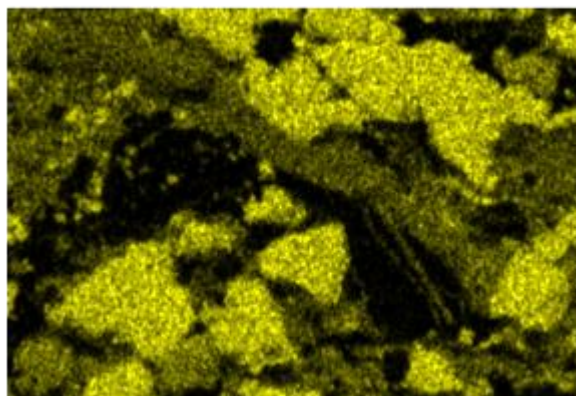
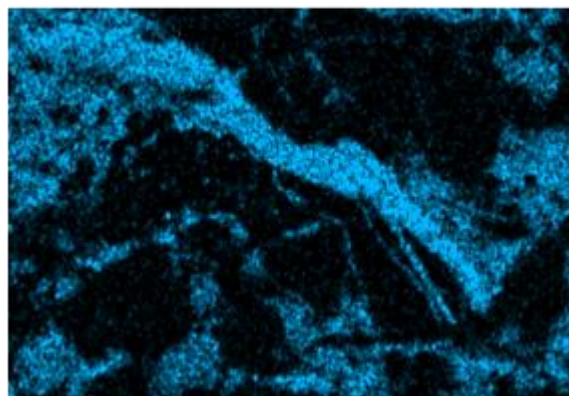
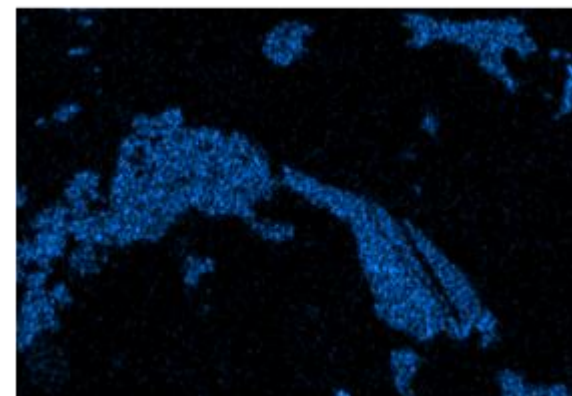
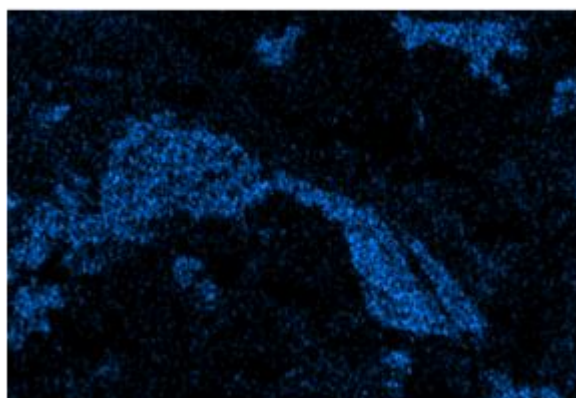
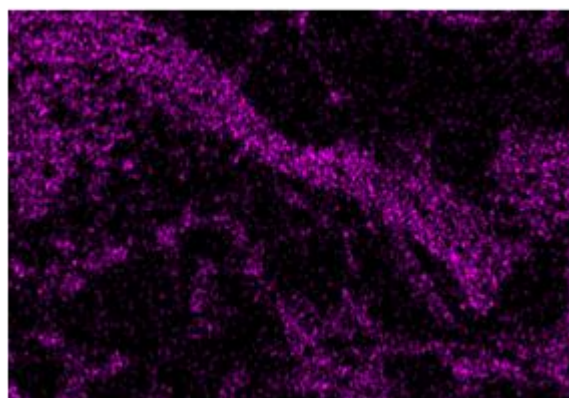
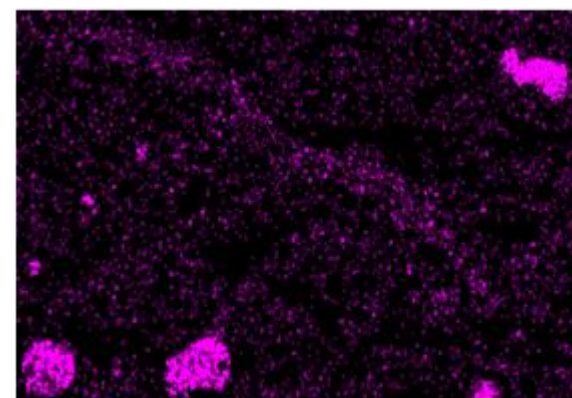
K K α 1

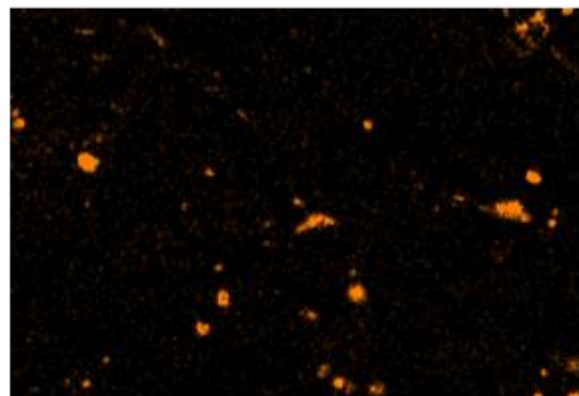
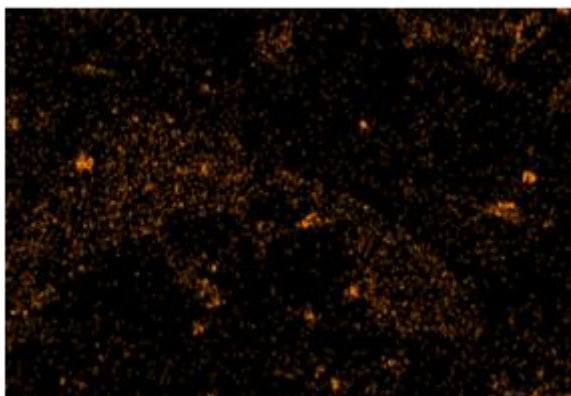
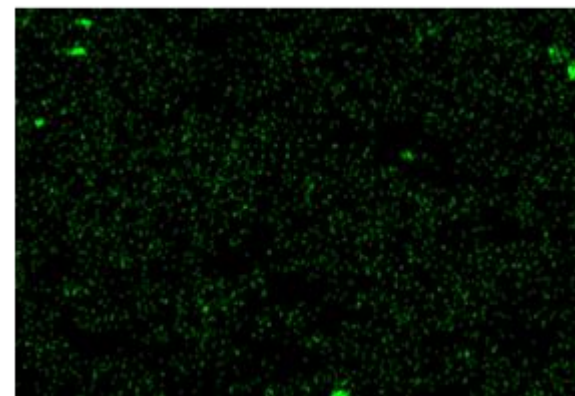
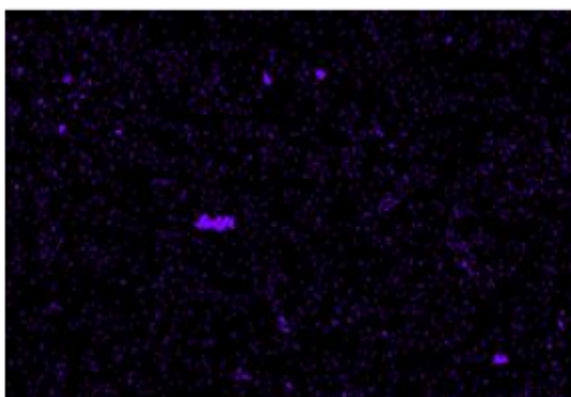
50μm

Fe K α 1Na K α 1_2P K α 1Ti K α 1

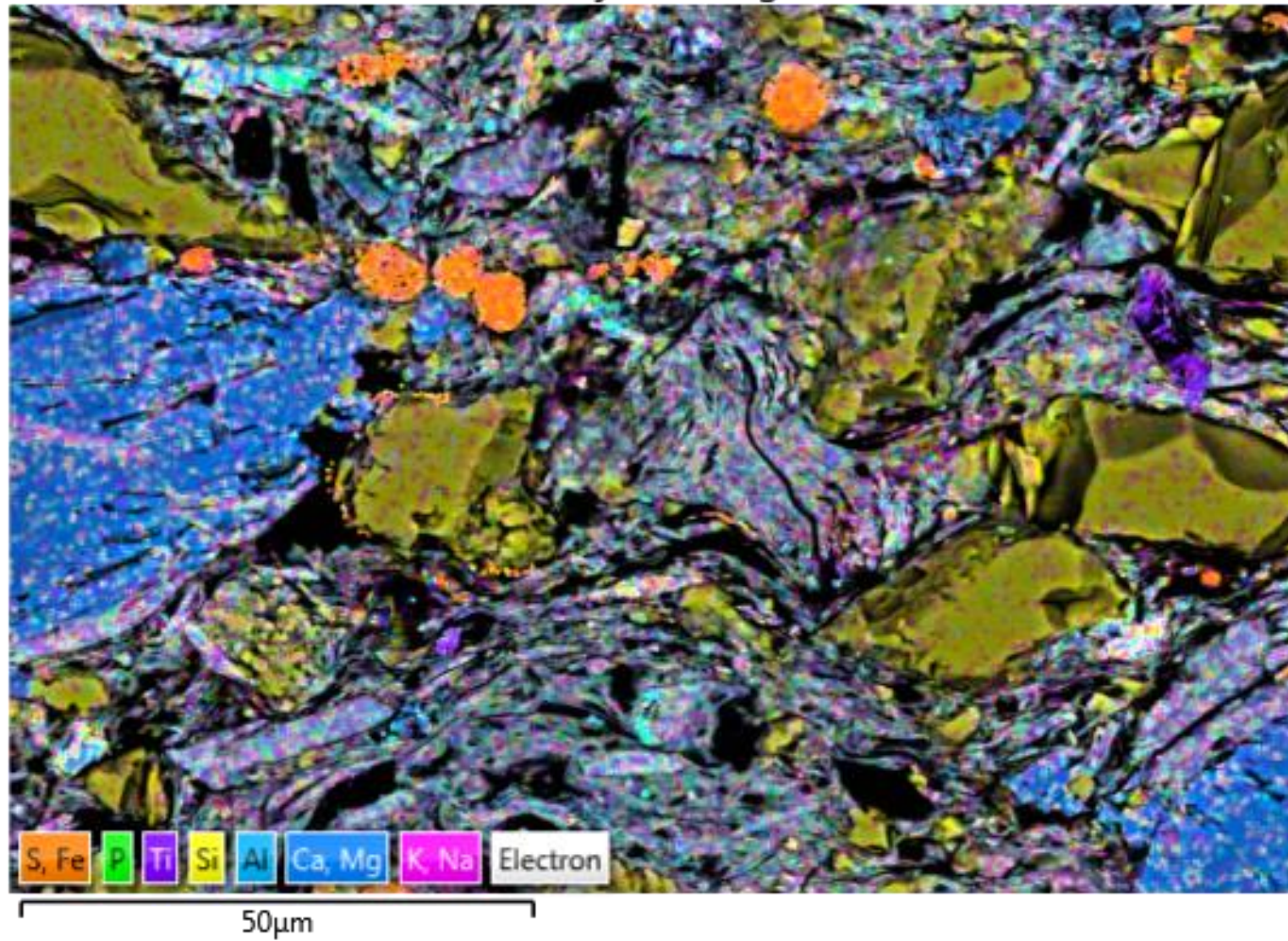
EDS Layered Image 8

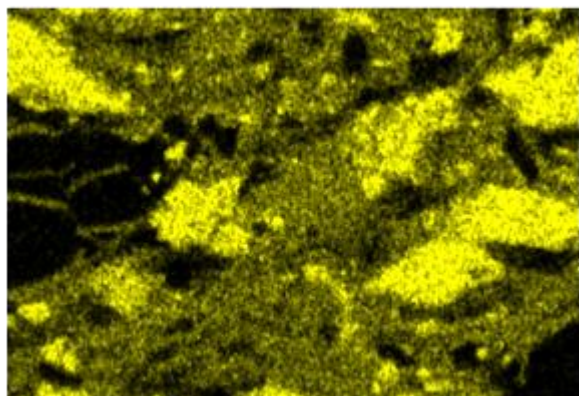
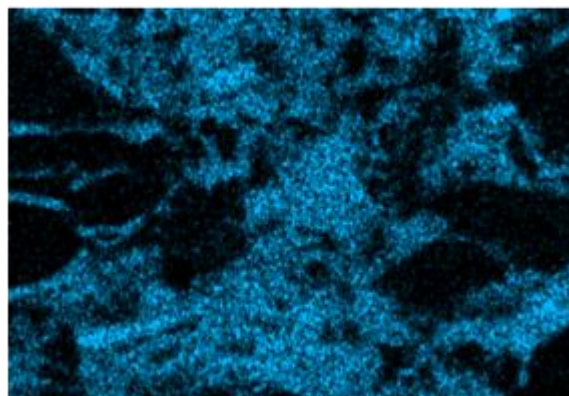
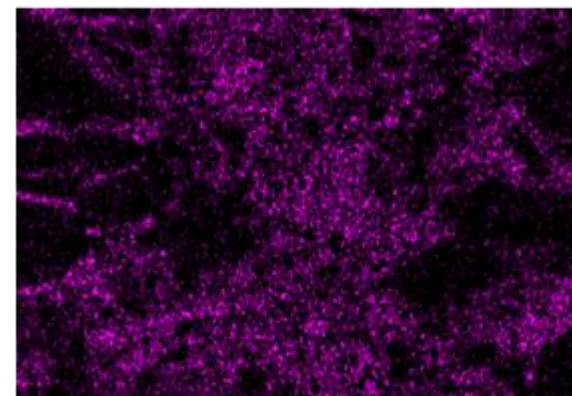
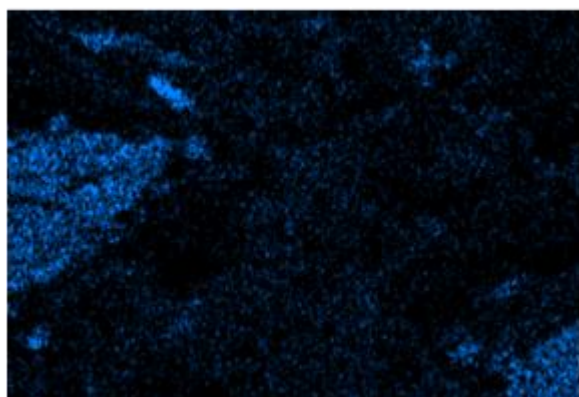
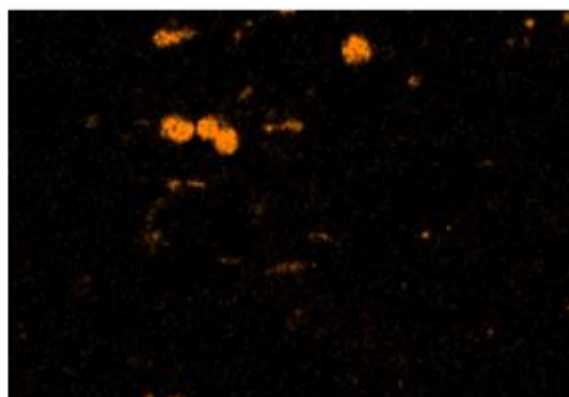
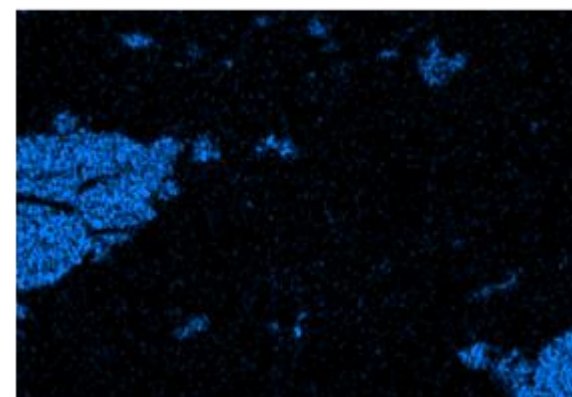


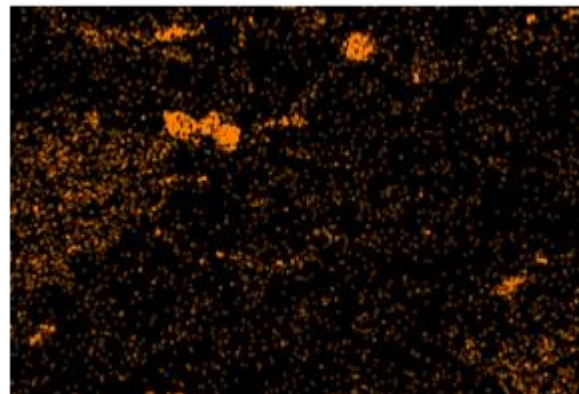
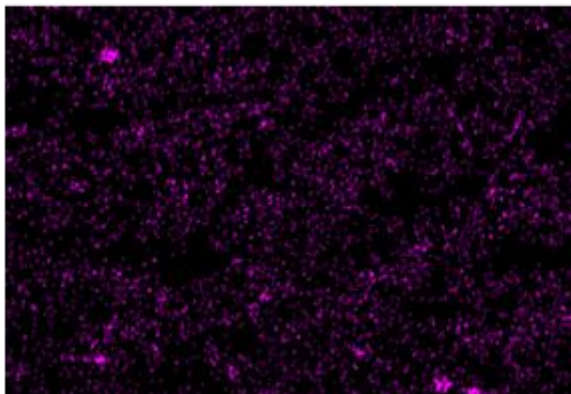
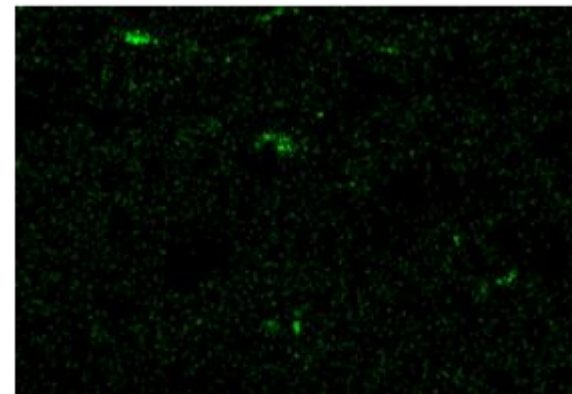
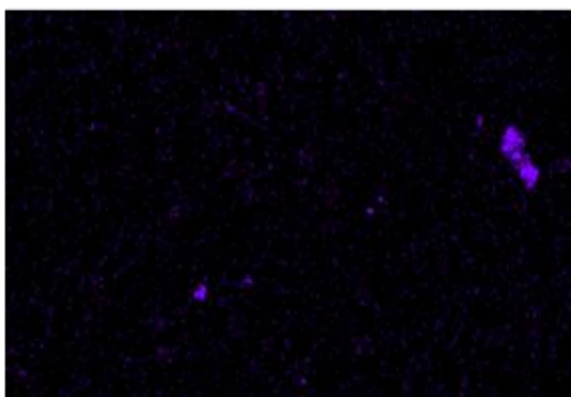
Si K α 150 μ mAl K α 150 μ mCa K α 150 μ mMg K α 1_250 μ mK K α 150 μ mNa K α 1_250 μ m

S K α 150 μ mFe K α 150 μ mP K α 150 μ mTi K α 150 μ m

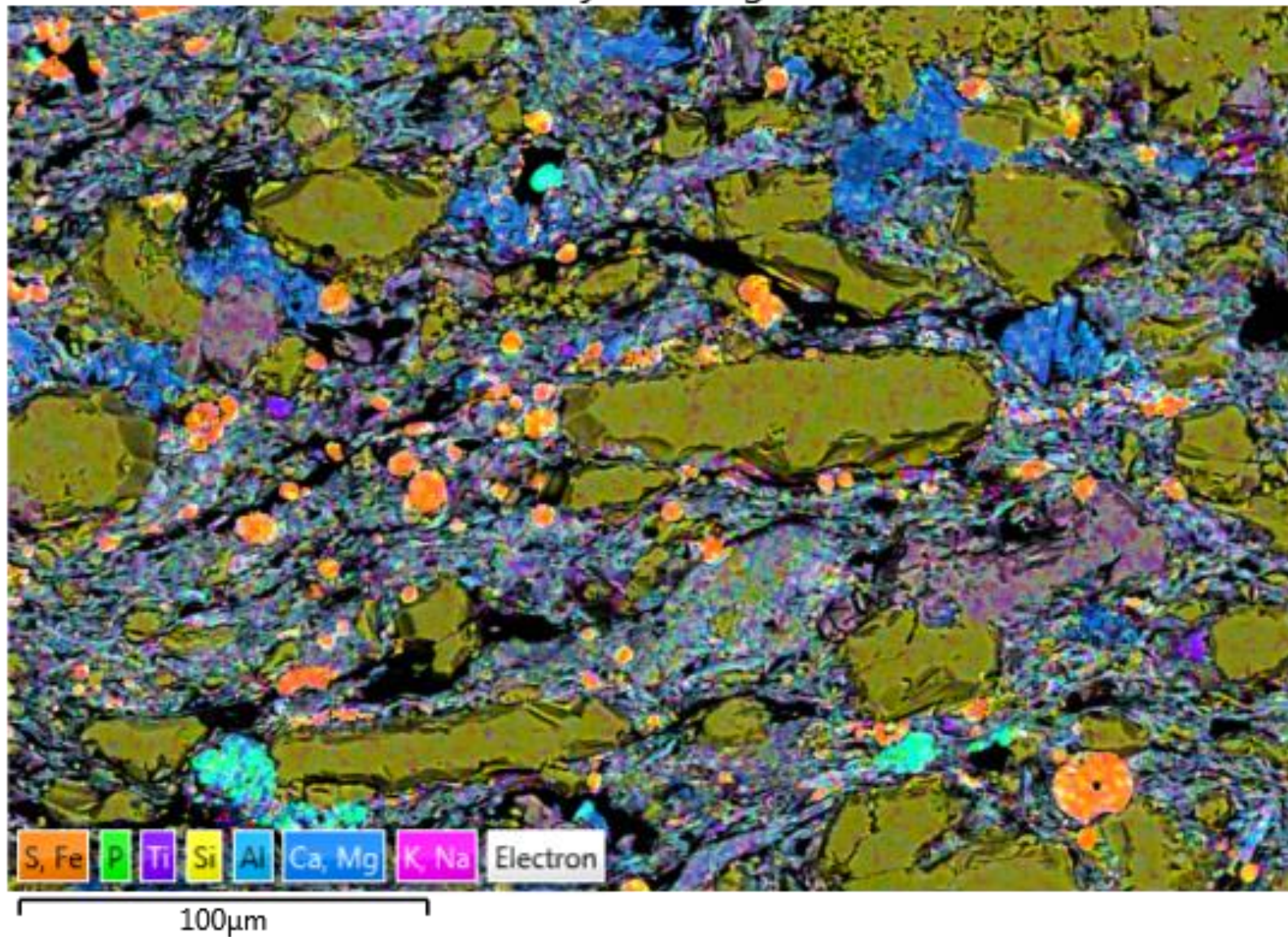
EDS Layered Image 9

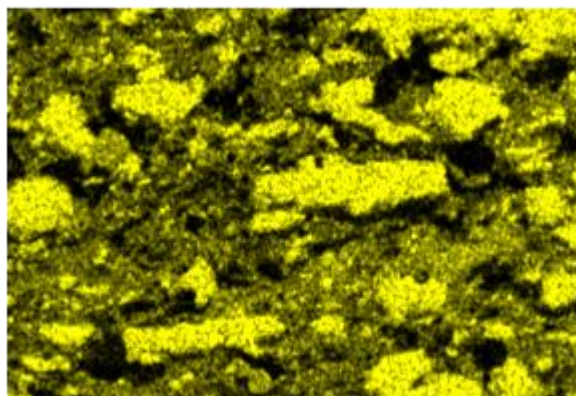
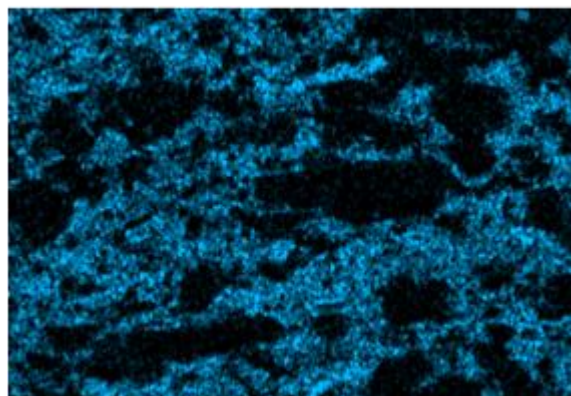
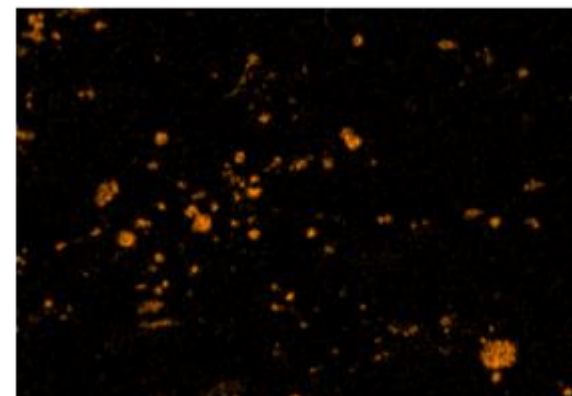
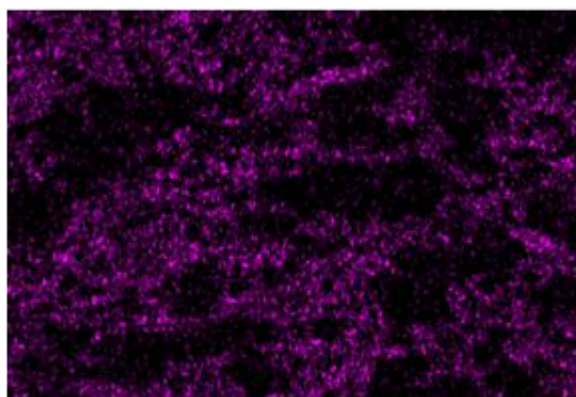
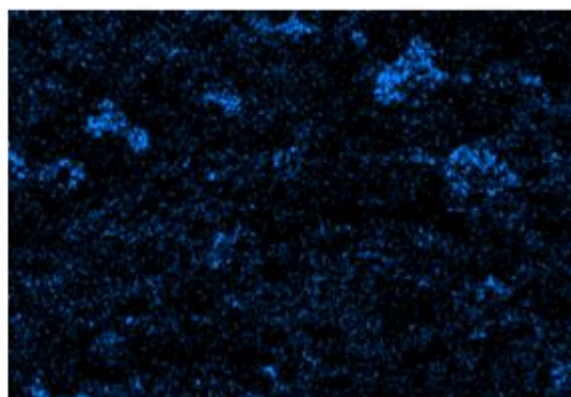
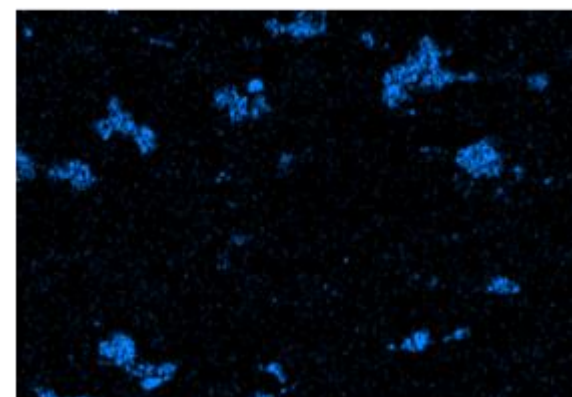


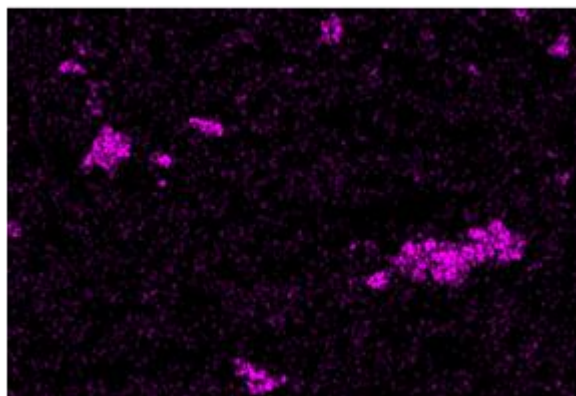
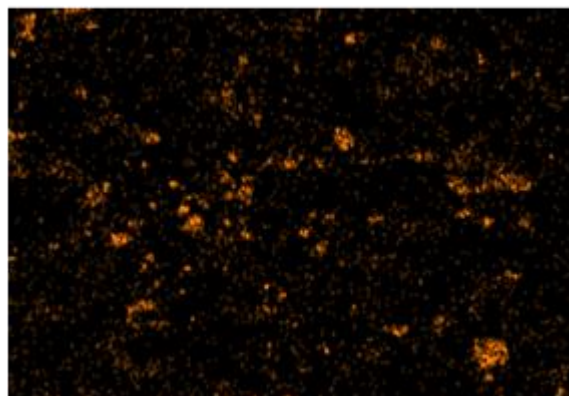
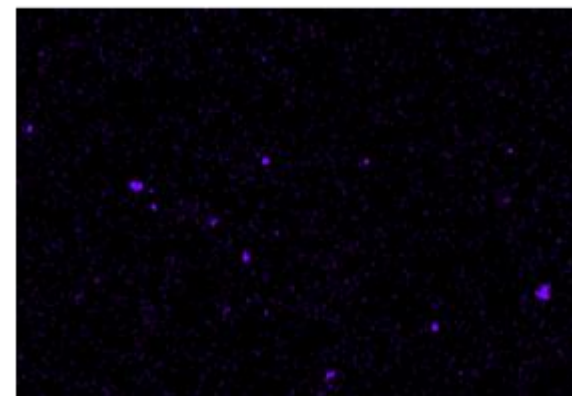
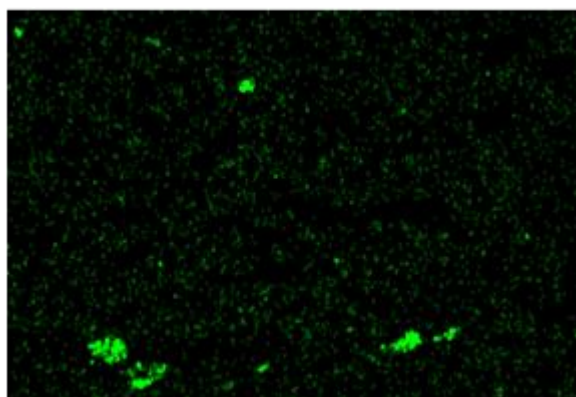
Si K α 1Al K α 1K K α 1Mg K α 1_2S K α 1Ca K α 1

Fe K α 150 μ mNa K α 1_250 μ mP K α 150 μ mTi K α 150 μ m

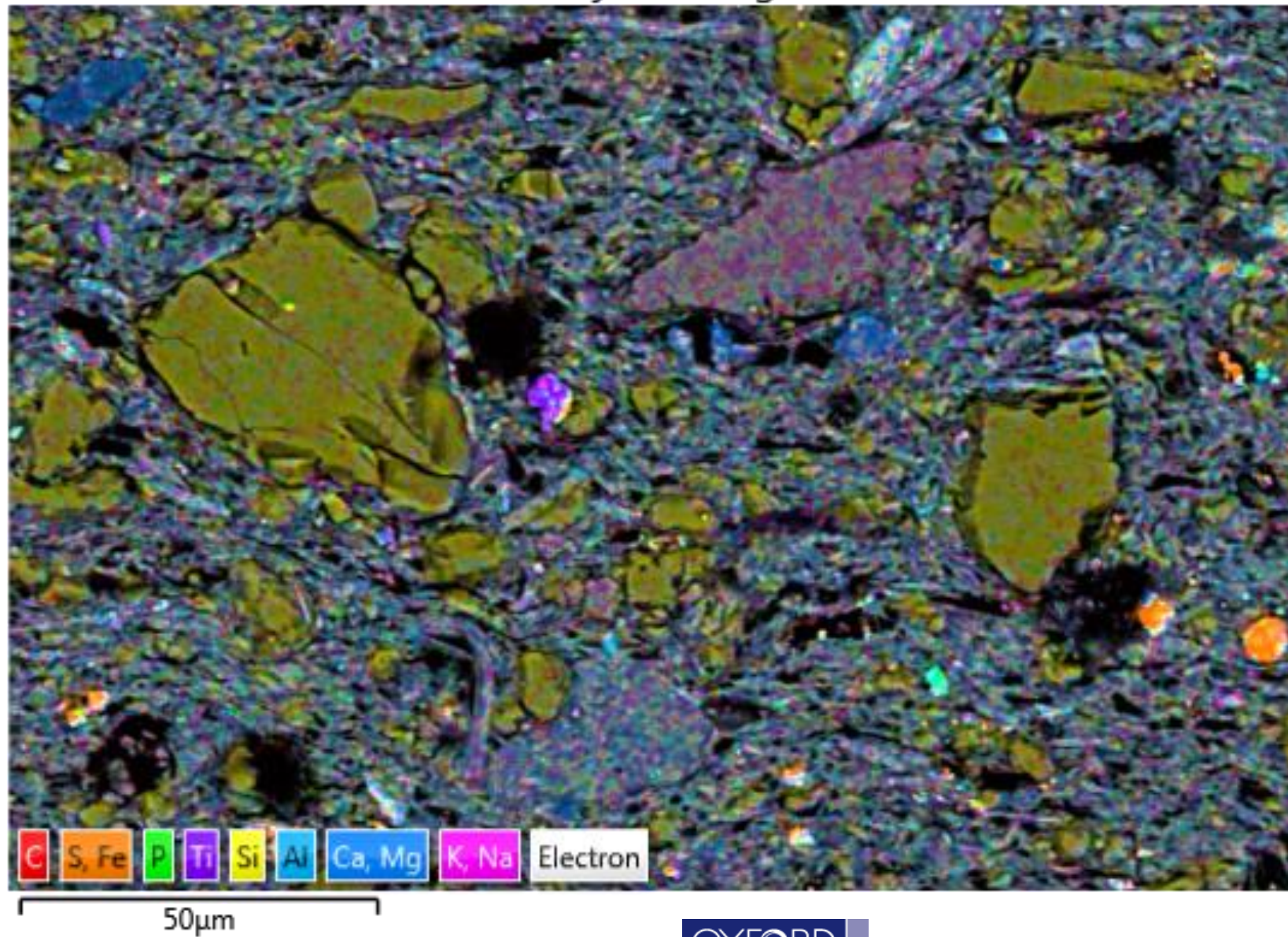
EDS Layered Image 10

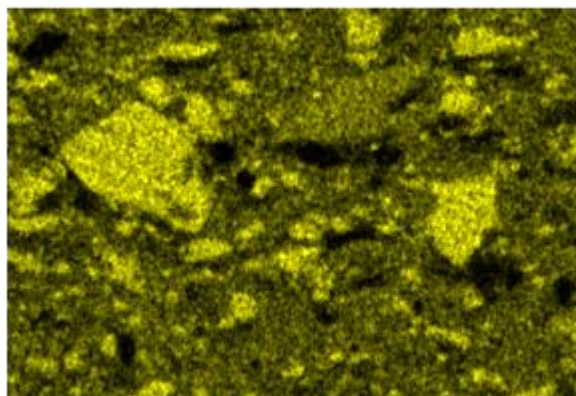


Si K α 1Al K α 1S K α 1K K α 1Mg K α 1_2Ca K α 1

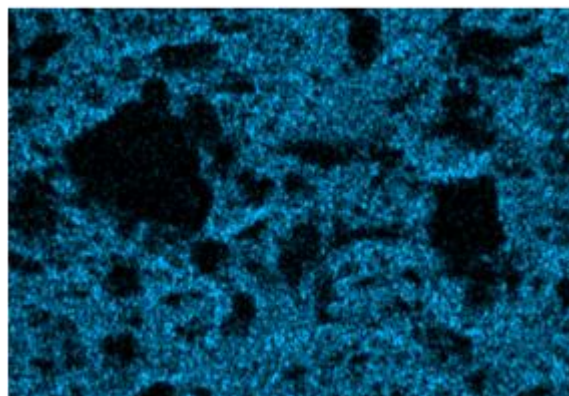
Na K α 1_2100 μ mFe K α 1100 μ mTi K α 1100 μ mP K α 1100 μ m

EDS Layered Image 1

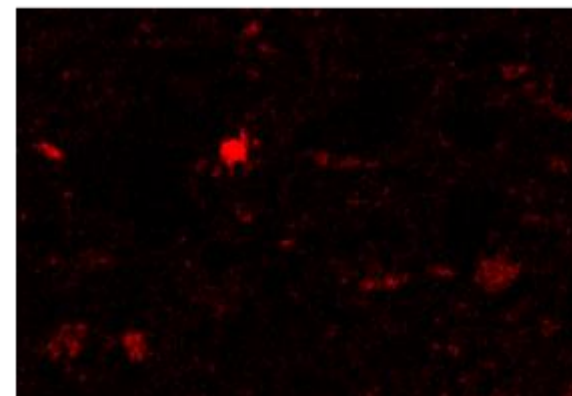


Si K α 1

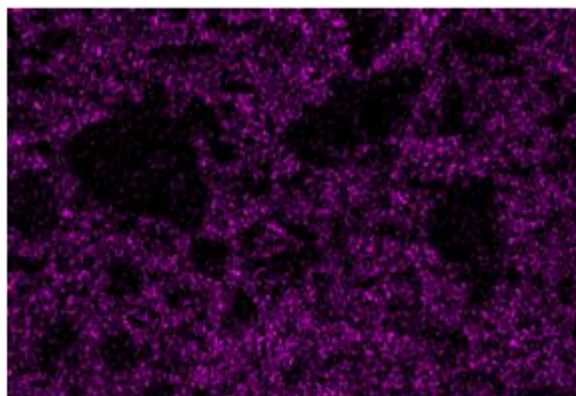
50μm

Al K α 1

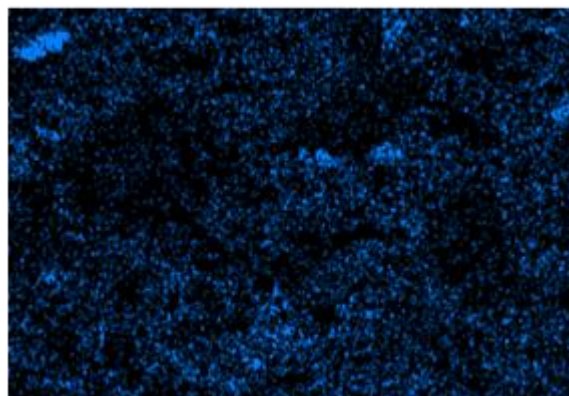
50μm

C K α 1_2

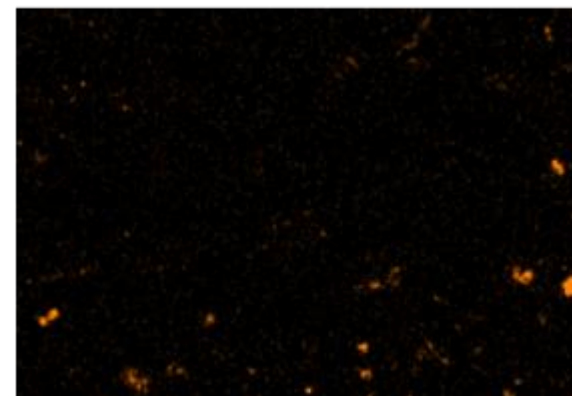
50μm

K K α 1

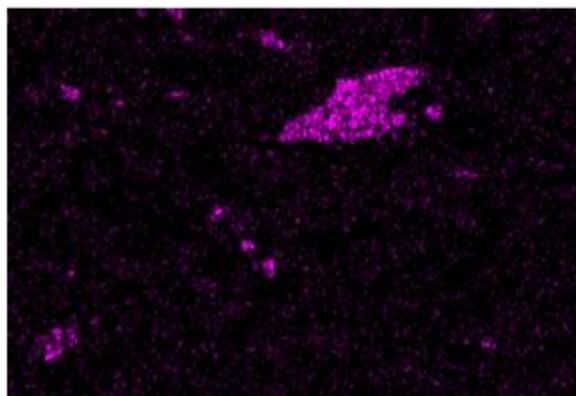
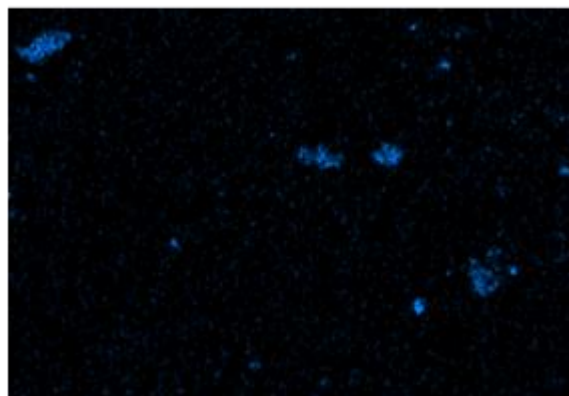
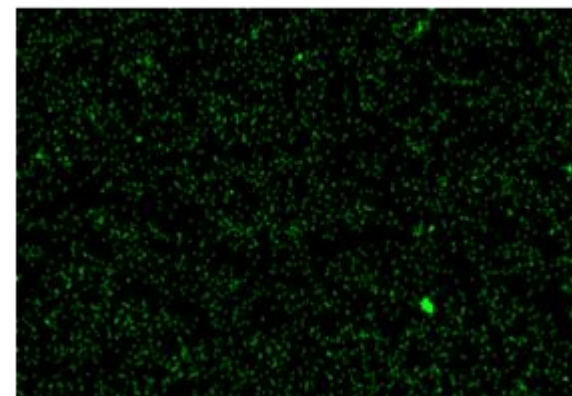
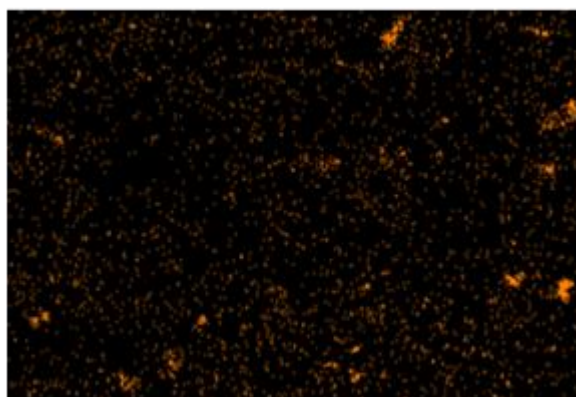
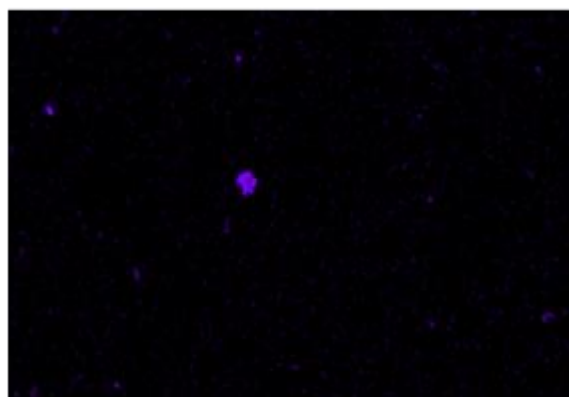
50μm

Mg K α 1_2

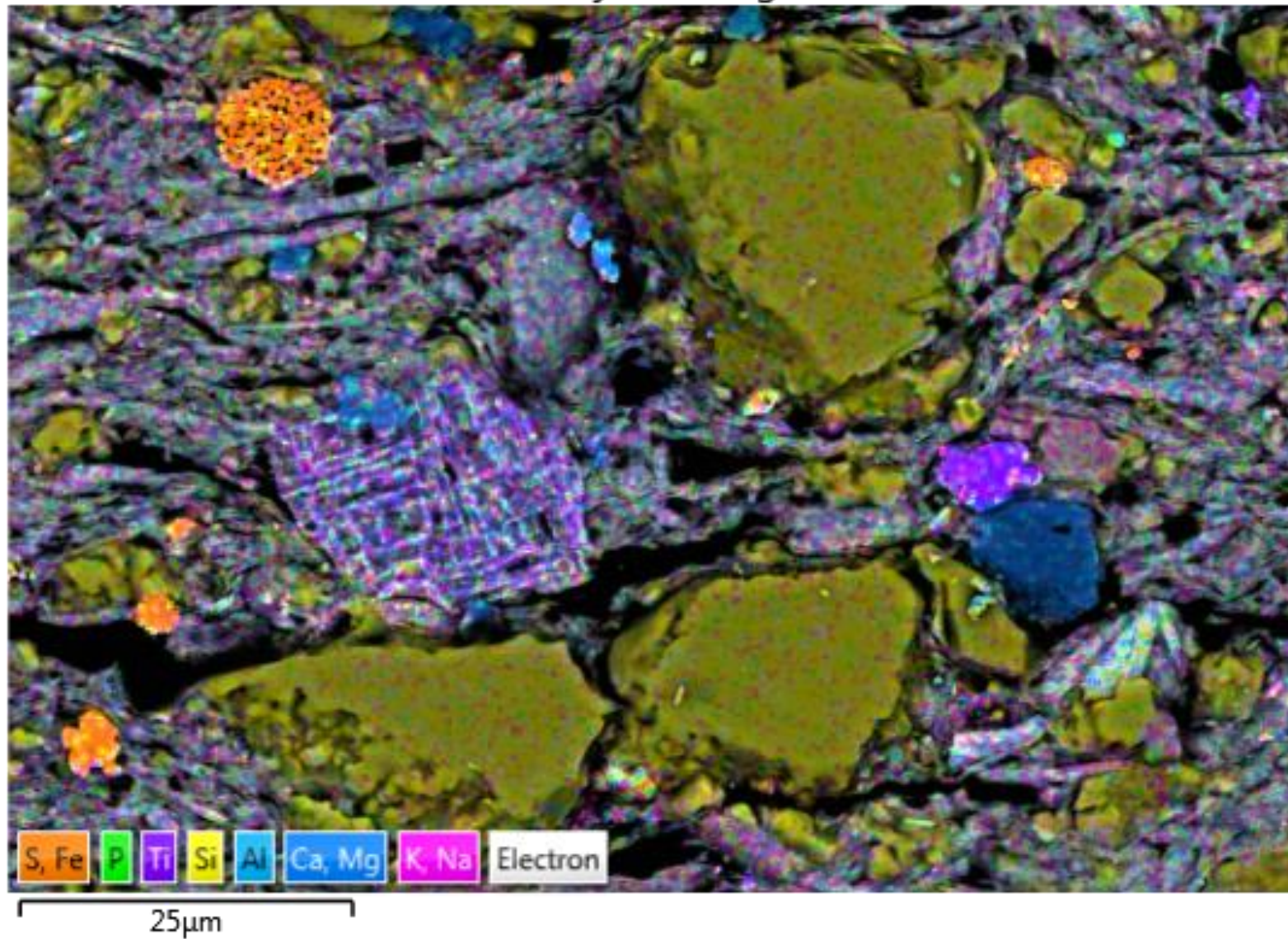
50μm

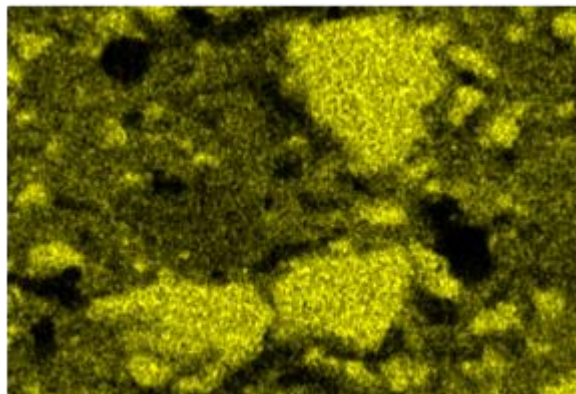
S K α 1

50μm

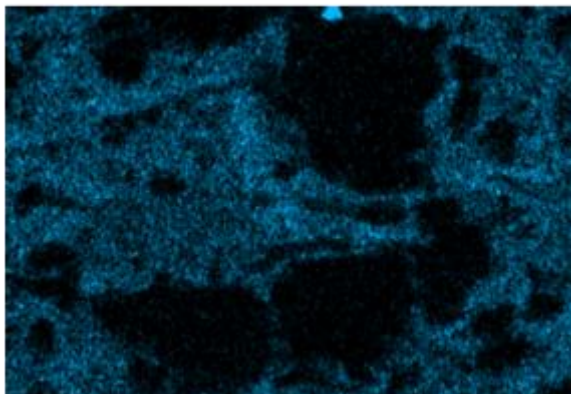
Na K α 1_2Ca K α 1P K α 1Fe K α 1Ti K α 1

EDS Layered Image 2

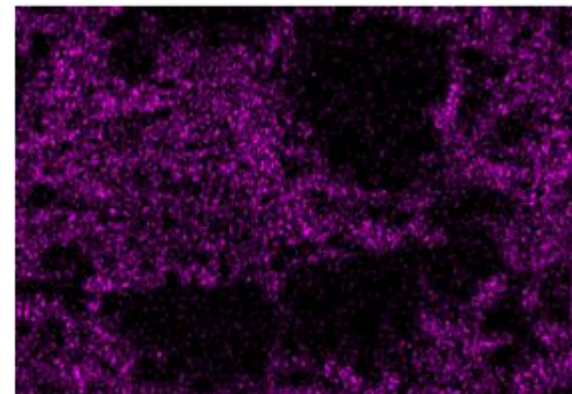


Si K α 1

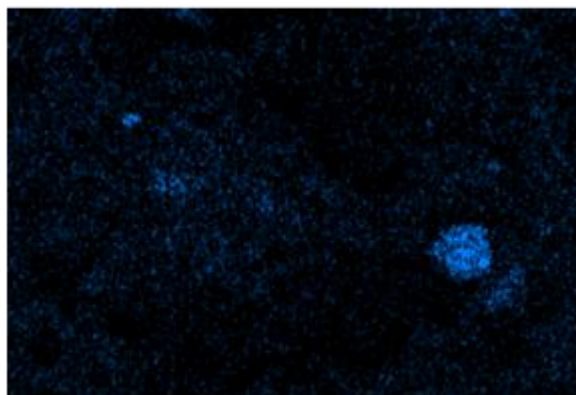
25μm

Al K α 1

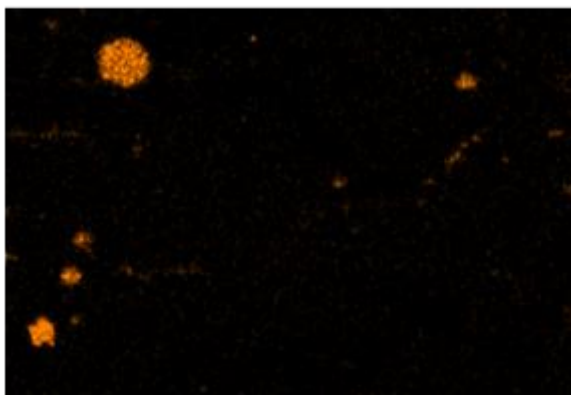
25μm

K K α 1

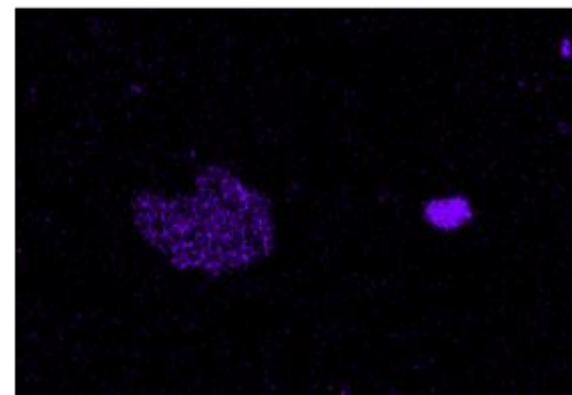
25μm

Mg K α 1_2

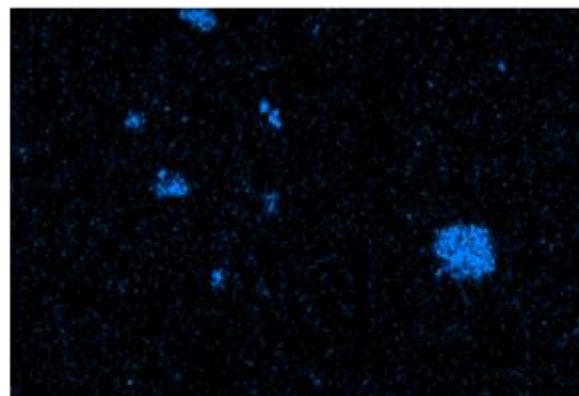
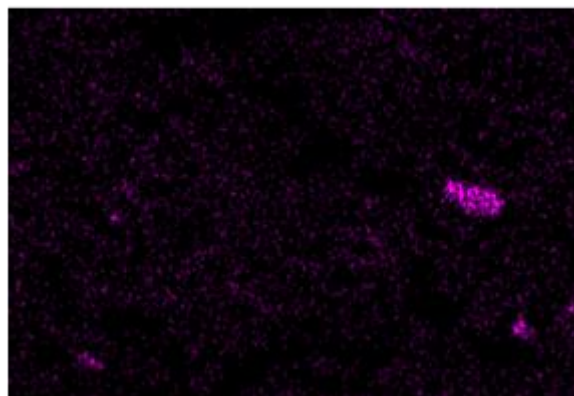
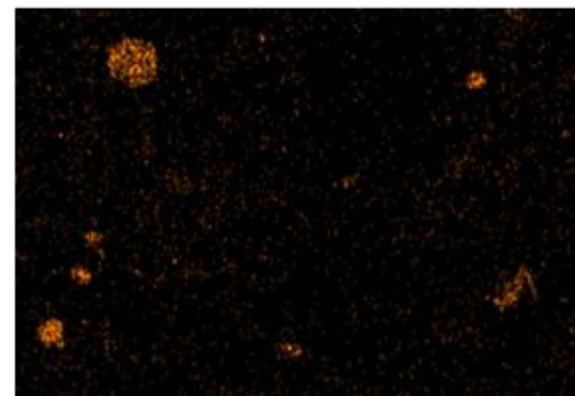
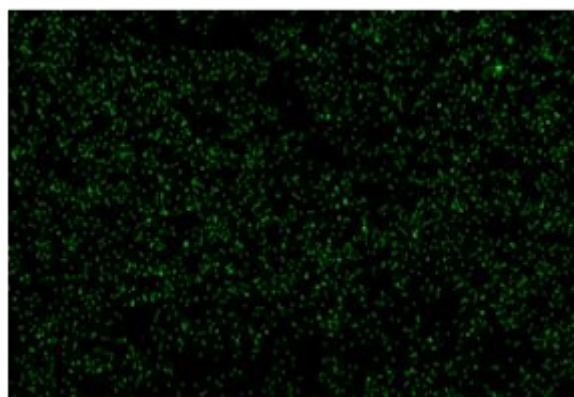
25μm

S K α 1

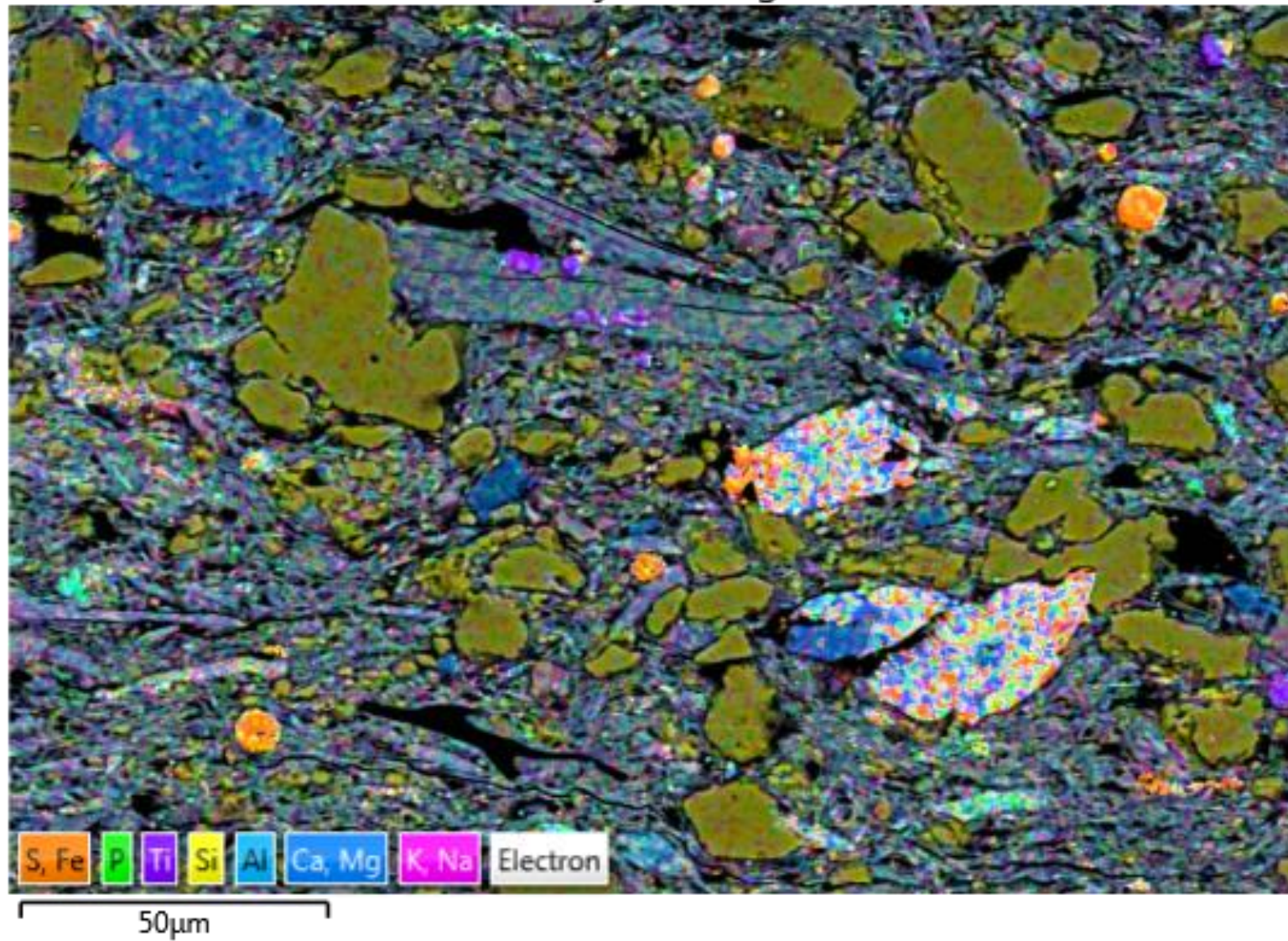
25μm

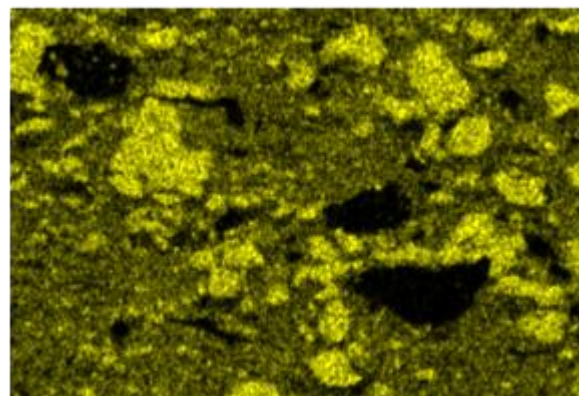
Ti K α 1

25μm

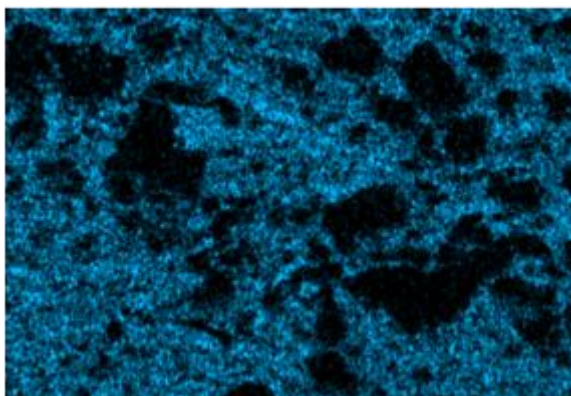
Ca K α 1Na K α 1_2Fe K α 1P K α 1

EDS Layered Image 1

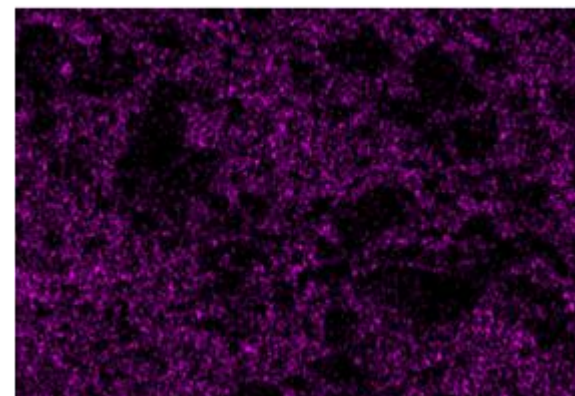


Si K α 1

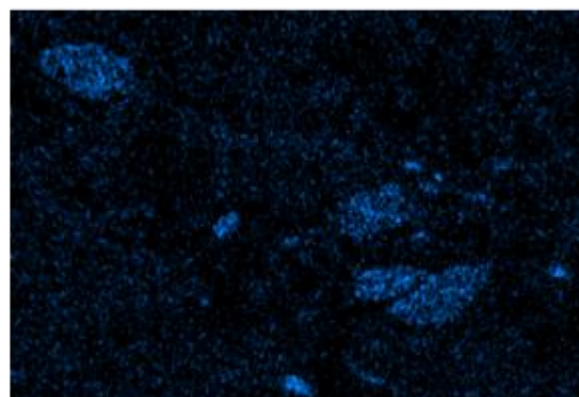
50μm

Al K α 1

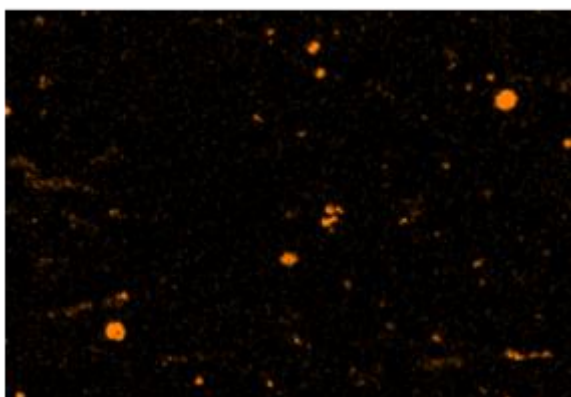
50μm

K K α 1

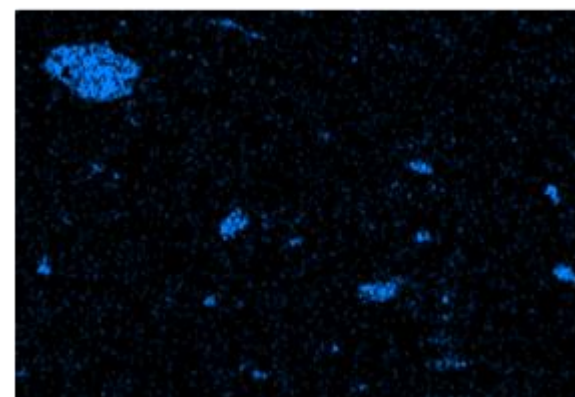
50μm

Mg K α 1_2

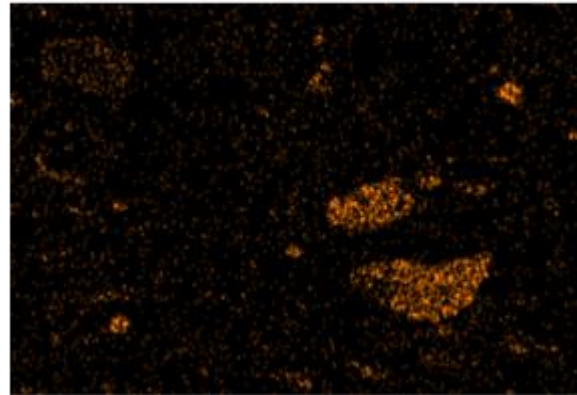
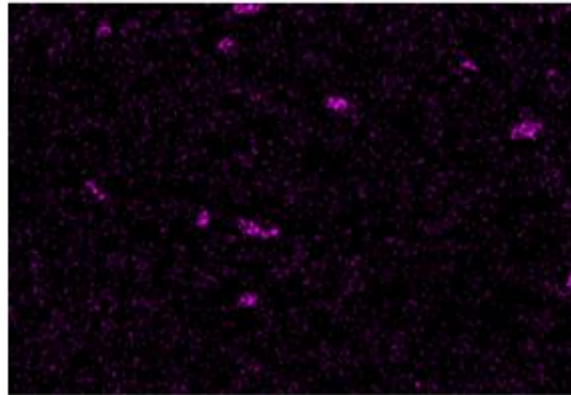
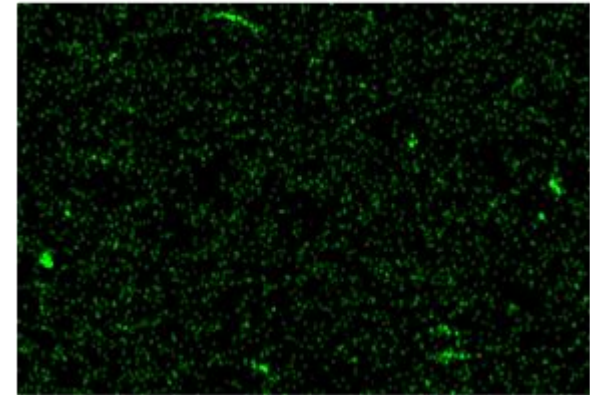
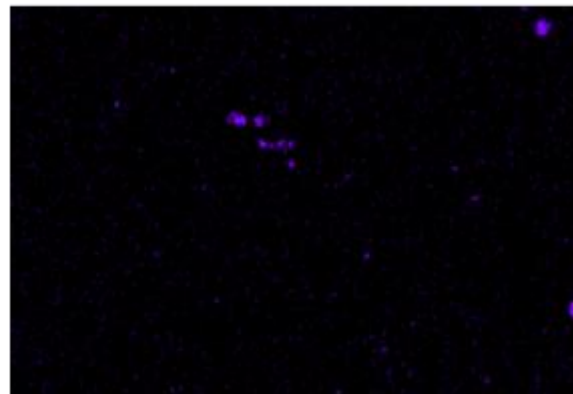
50μm

S K α 1

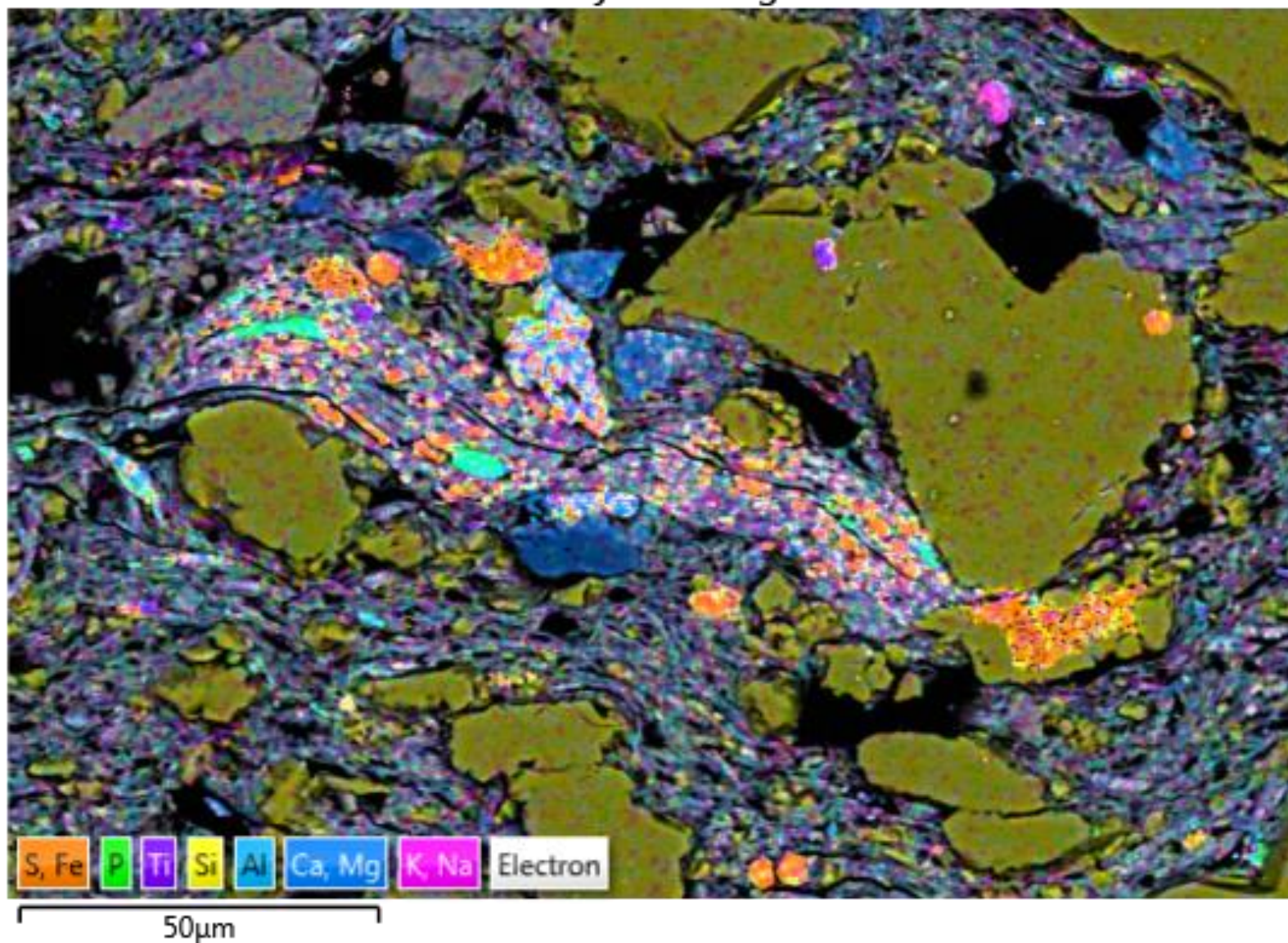
50μm

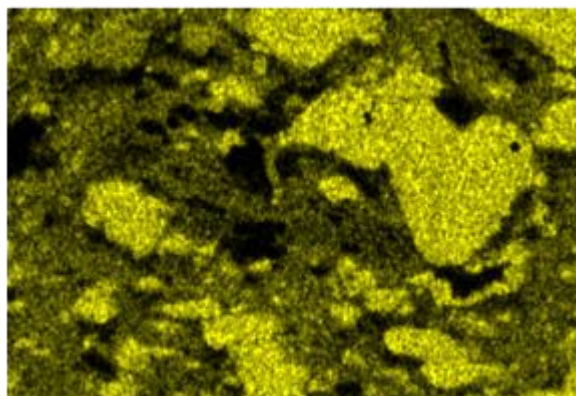
Ca K α 1

50μm

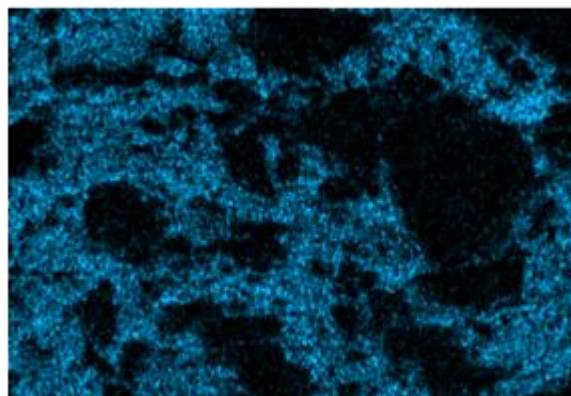
Fe K α 1Na K α 1_2P K α 1Ti K α 1

EDS Layered Image 2

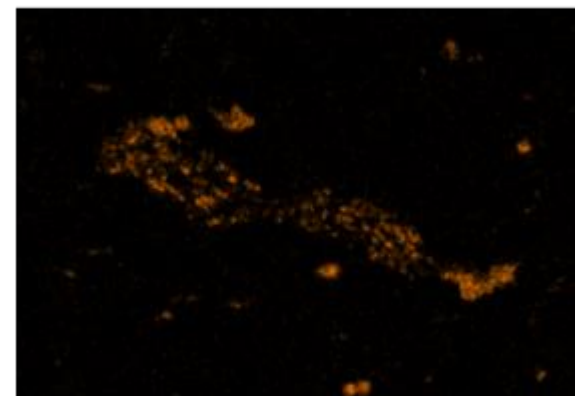


Si K α 1

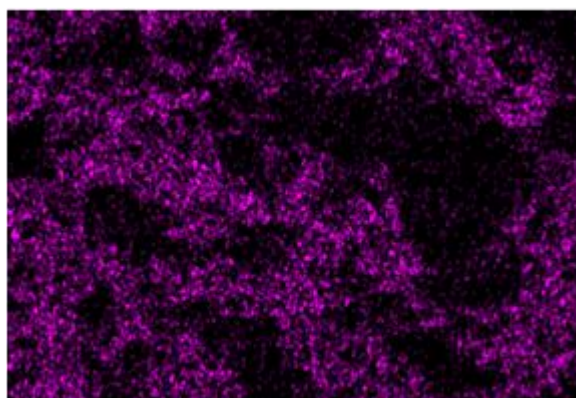
50μm

Al K α 1

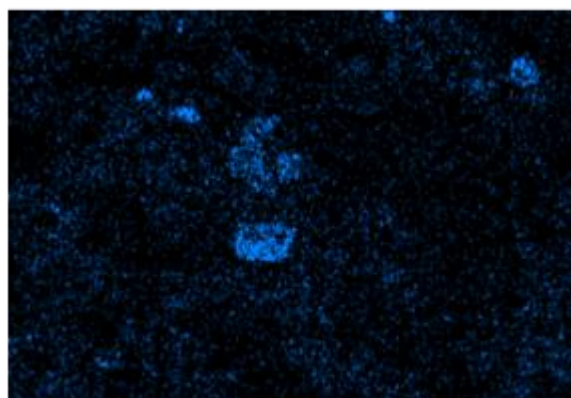
50μm

S K α 1

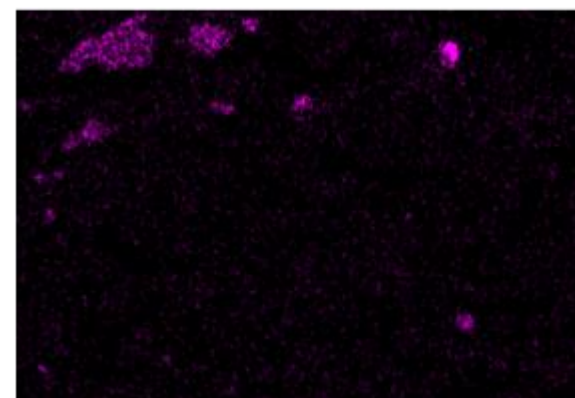
50μm

K K α 1

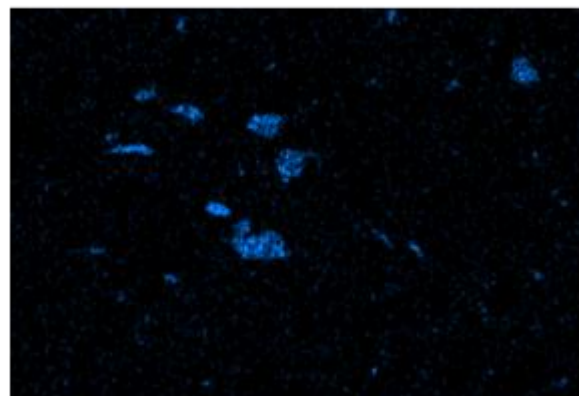
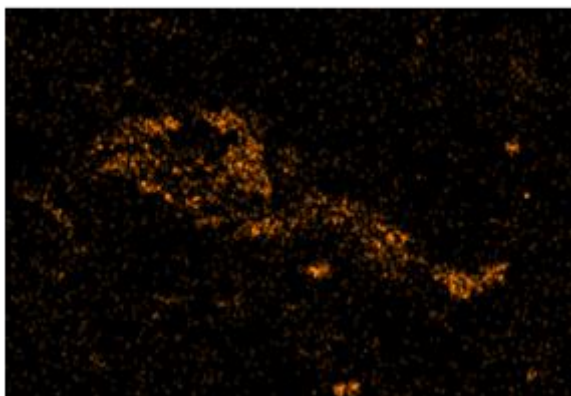
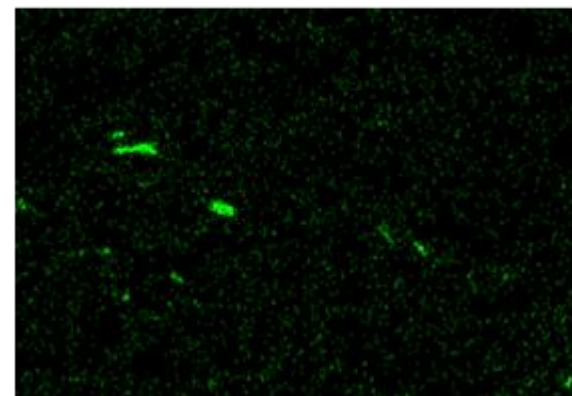
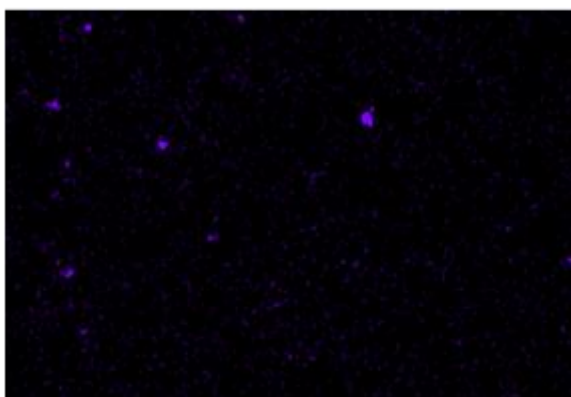
50μm

Mg K α 1_2

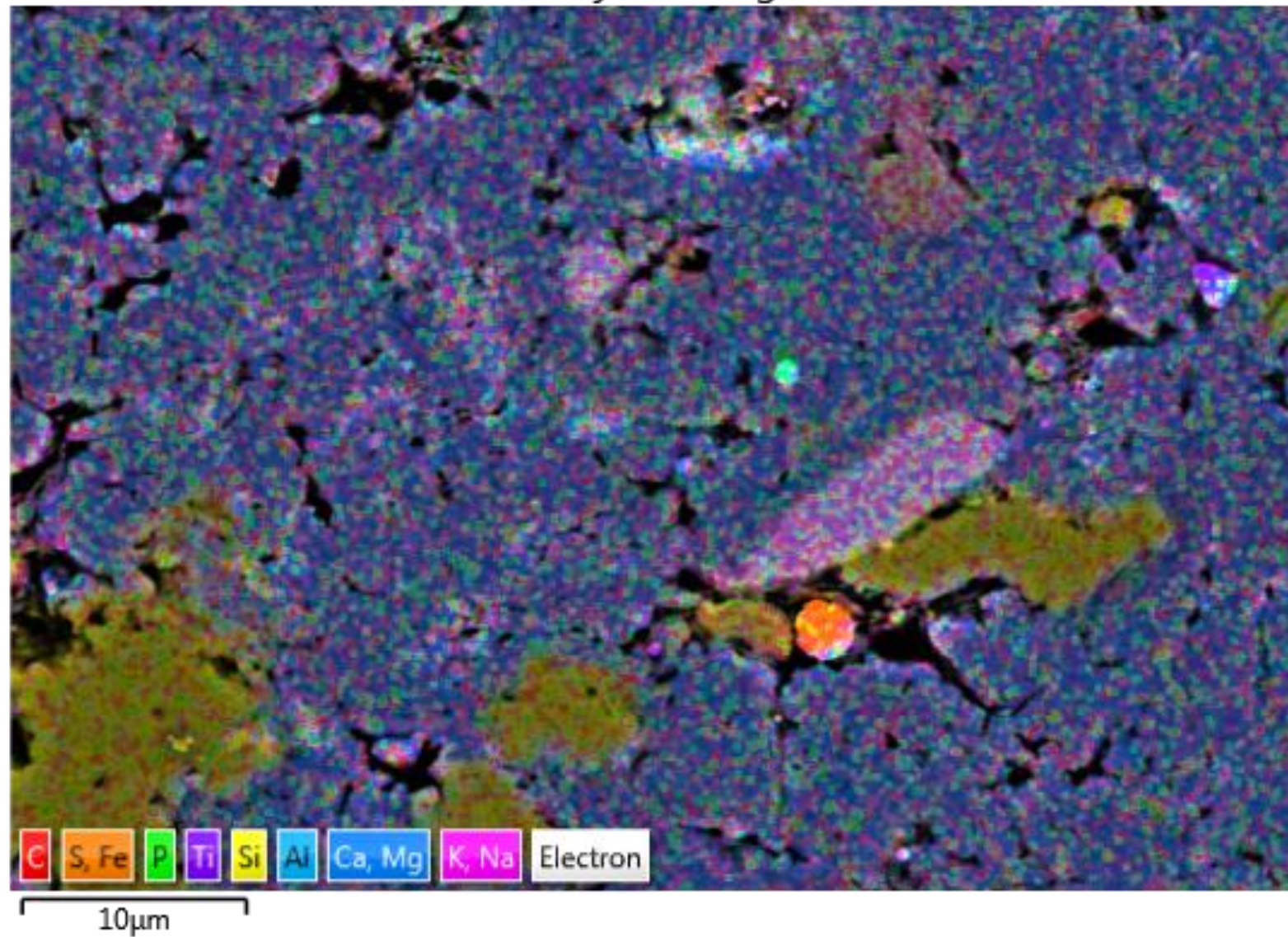
50μm

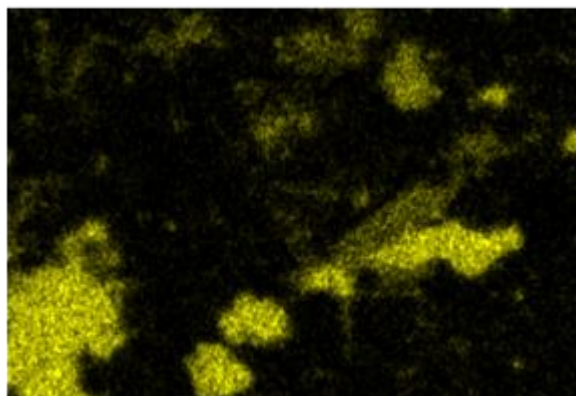
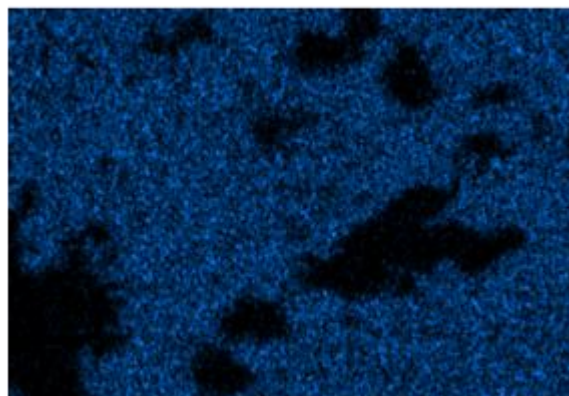
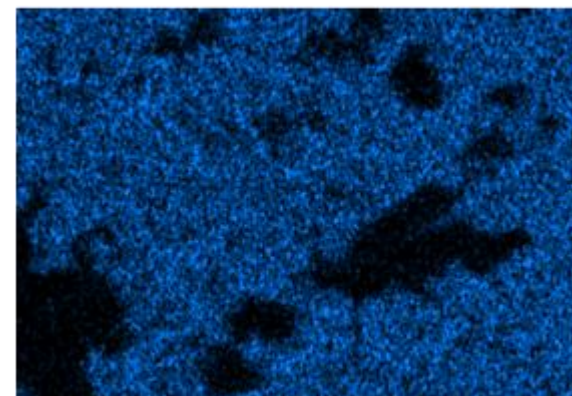
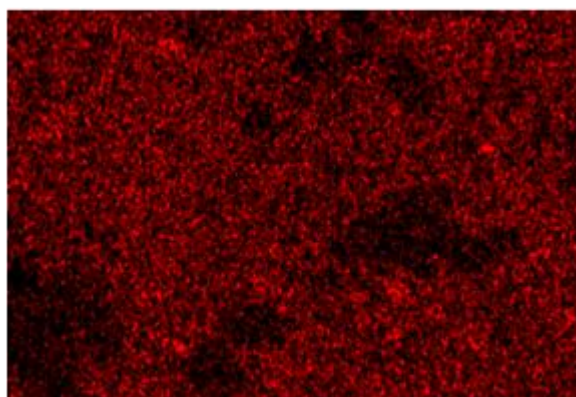
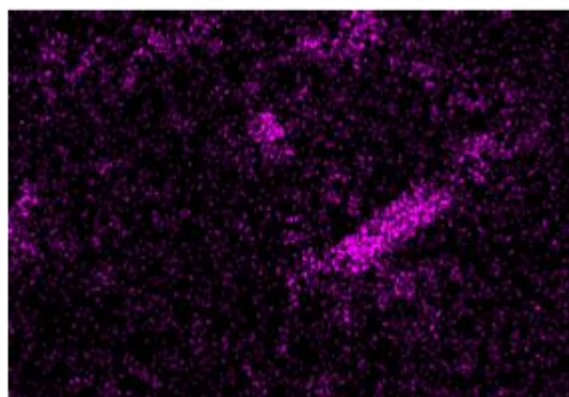
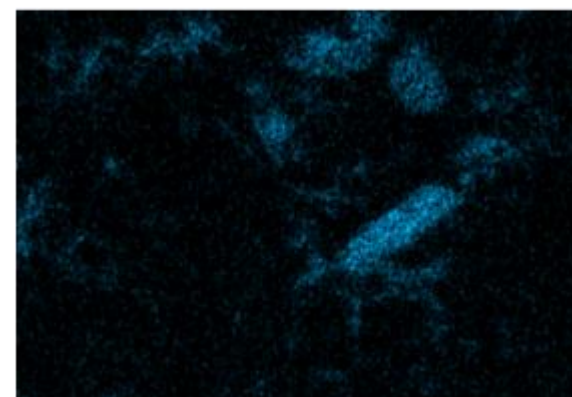
Na K α 1_2

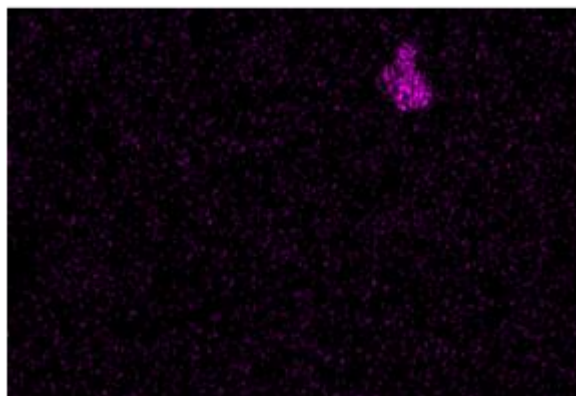
50μm

Ca K α 150 μ mFe K α 150 μ mP K α 150 μ mTi K α 150 μ m

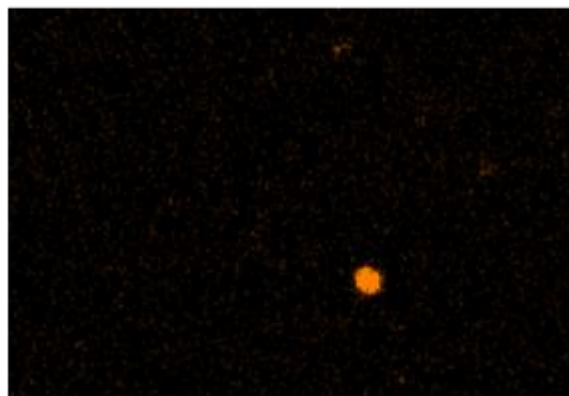
EDS Layered Image 1



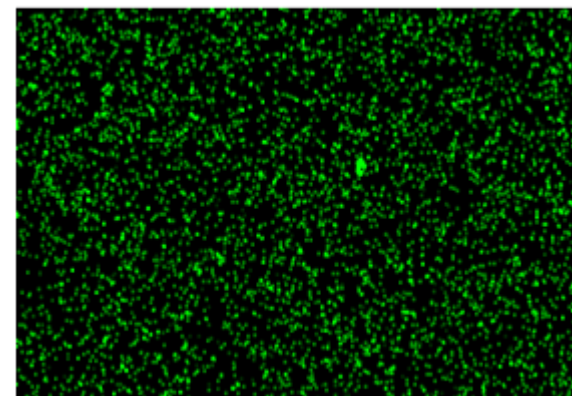
Si K α 110 μ mCa K α 110 μ mMg K α 1_210 μ mC K α 1_210 μ mK K α 110 μ mAl K α 110 μ m

Na K α 1_2

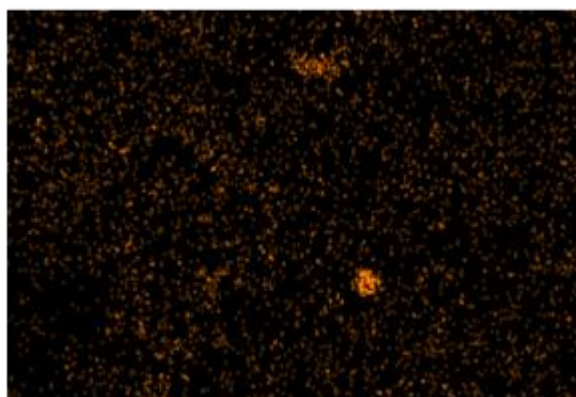
10μm

S K α 1

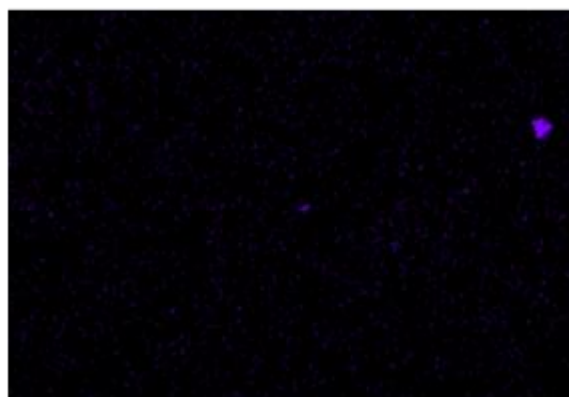
10μm

P K α 1

10μm

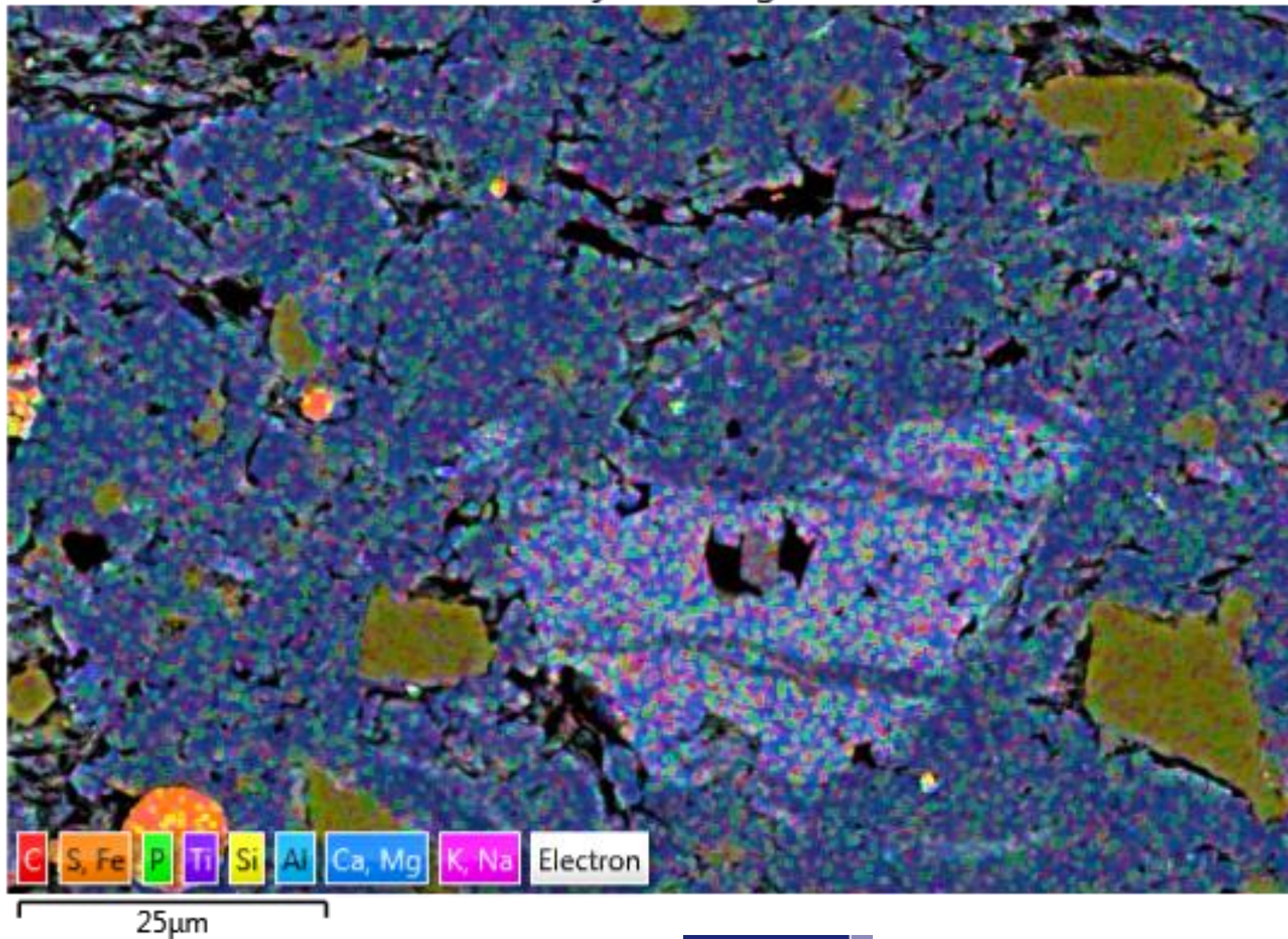
Fe K α 1

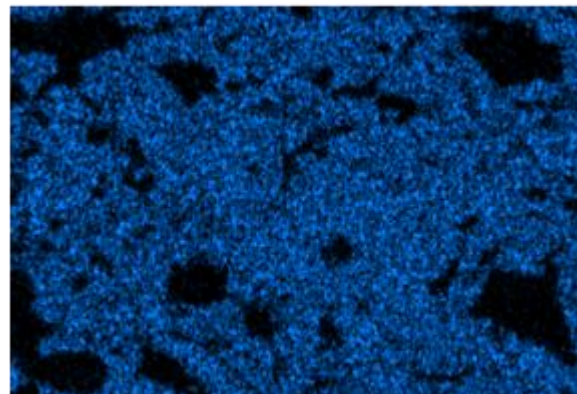
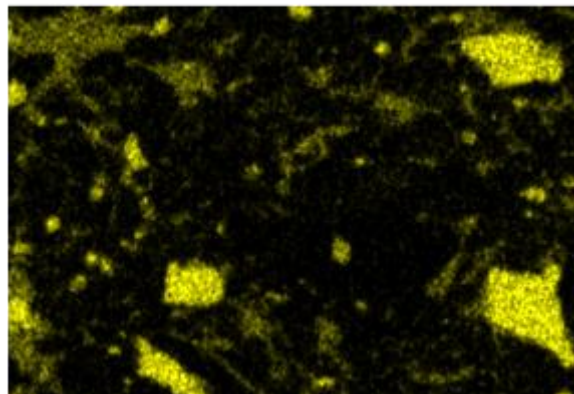
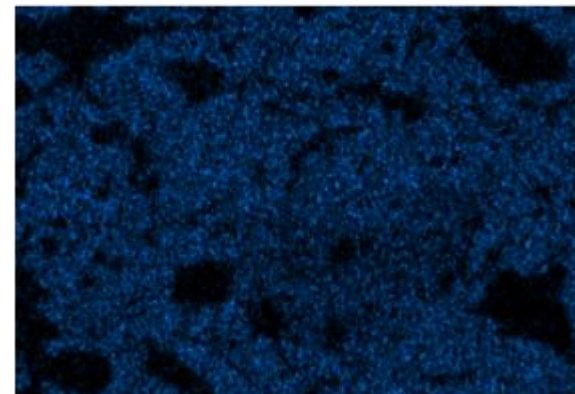
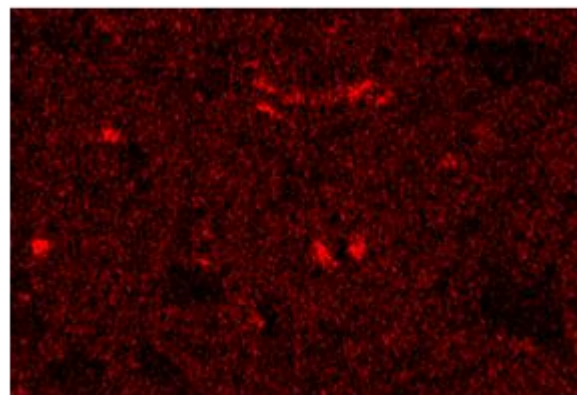
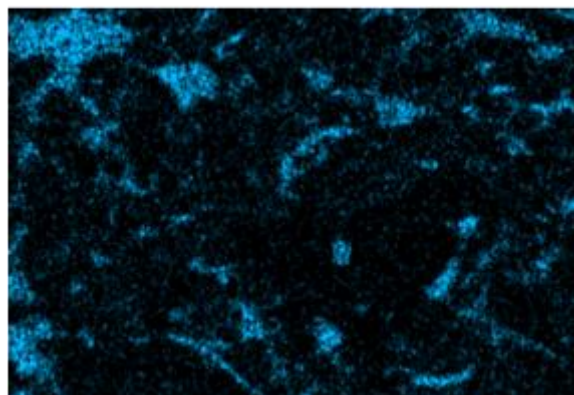
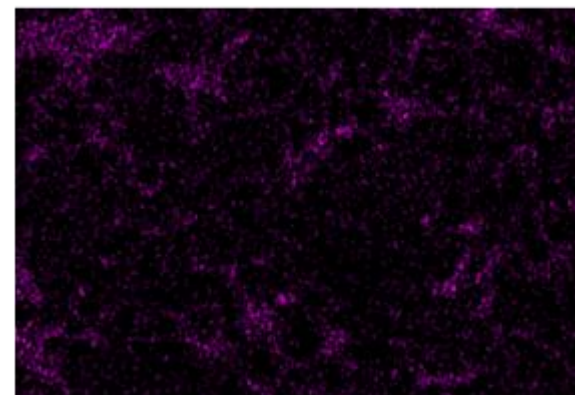
10μm

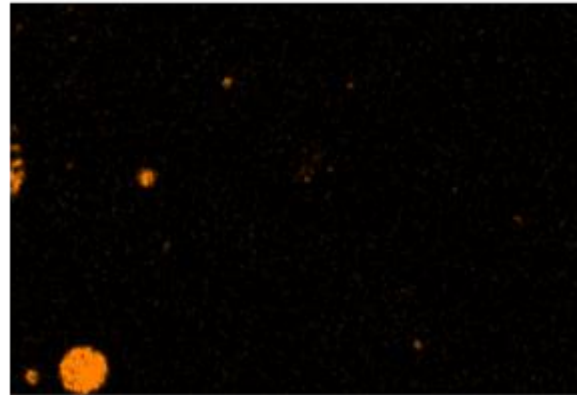
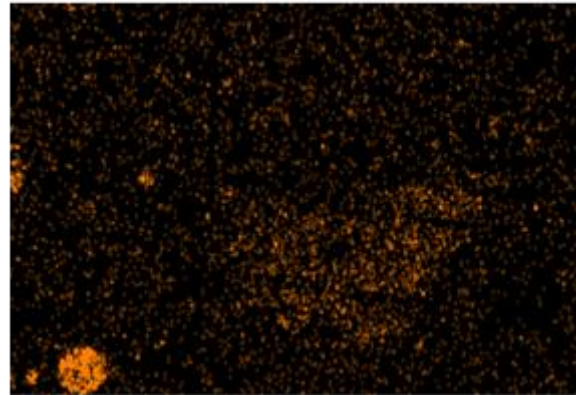
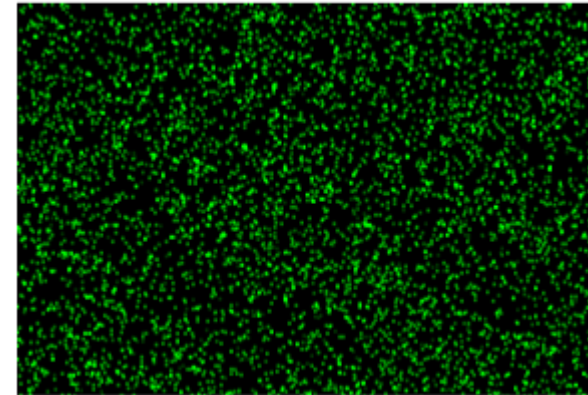
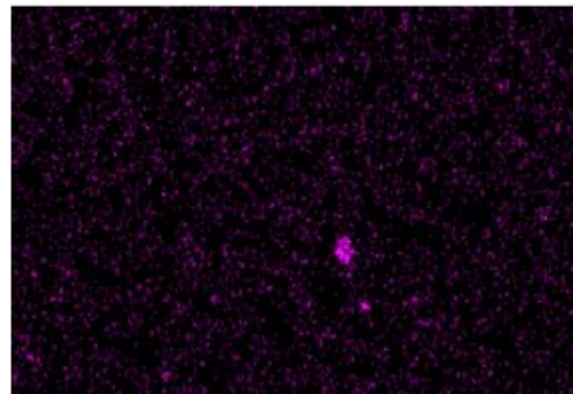
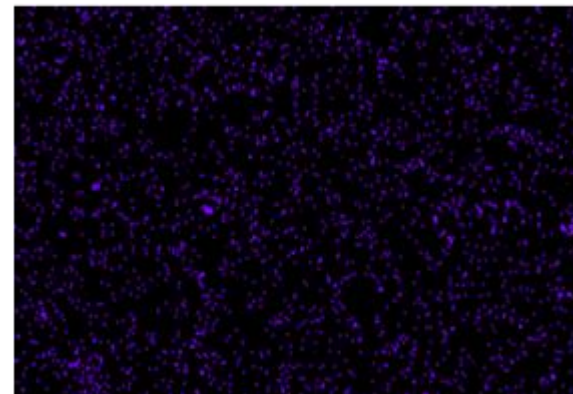
Ti K α 1

10μm

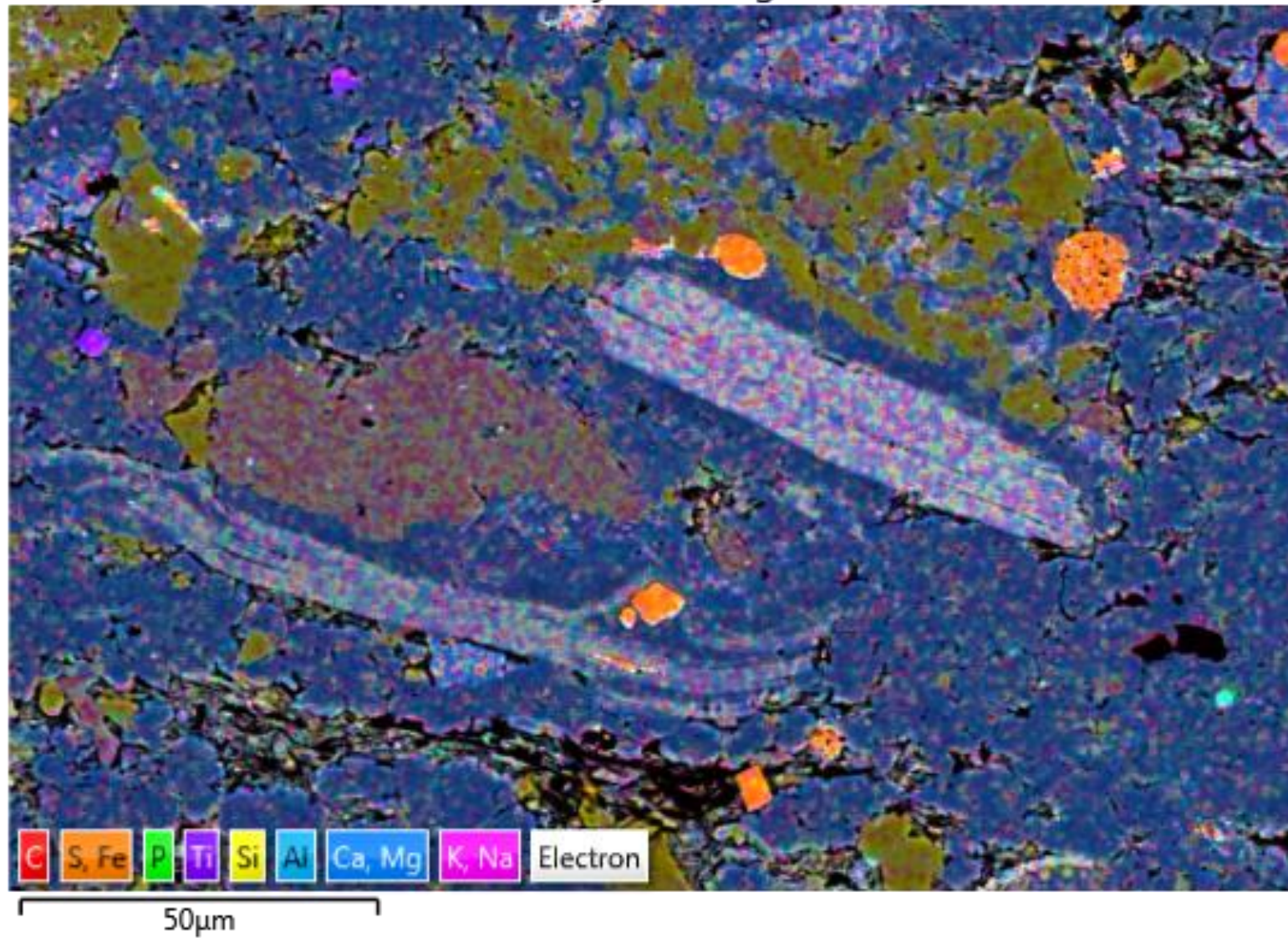
EDS Layered Image 2

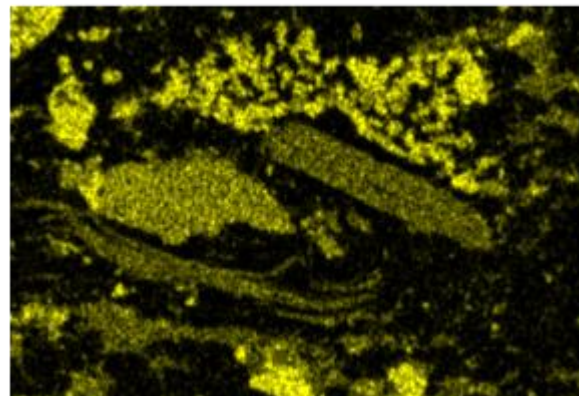
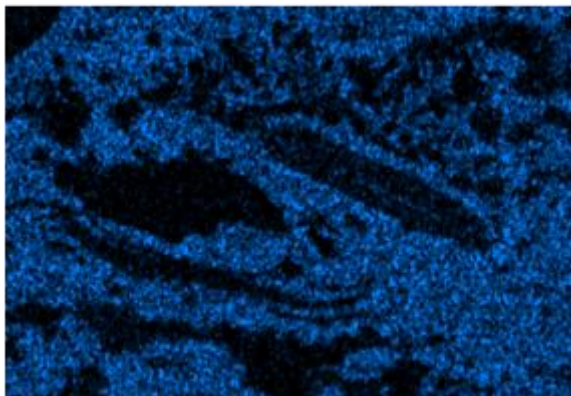
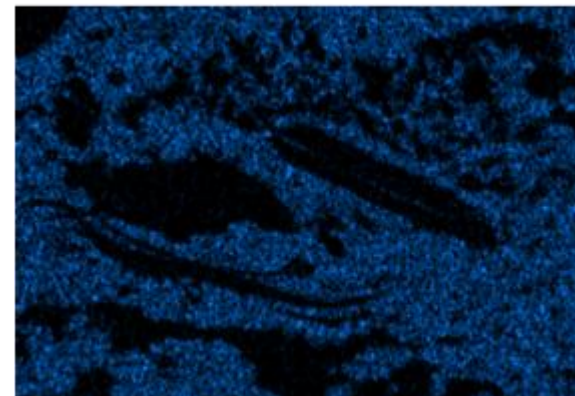
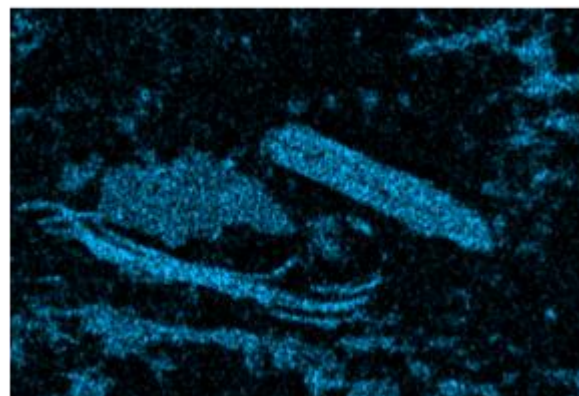
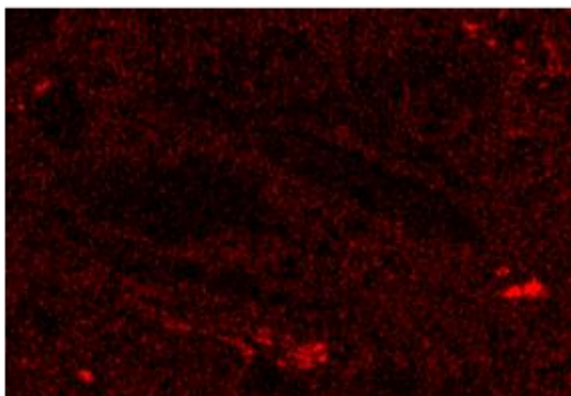
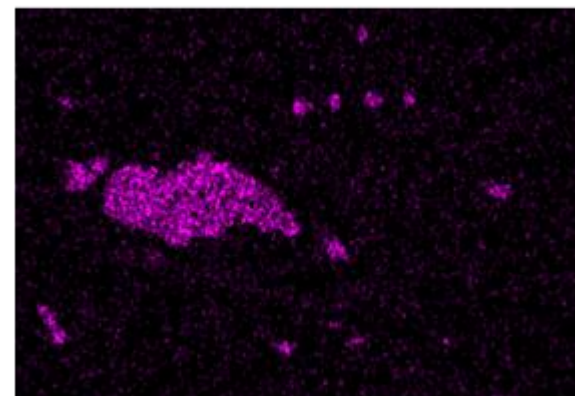


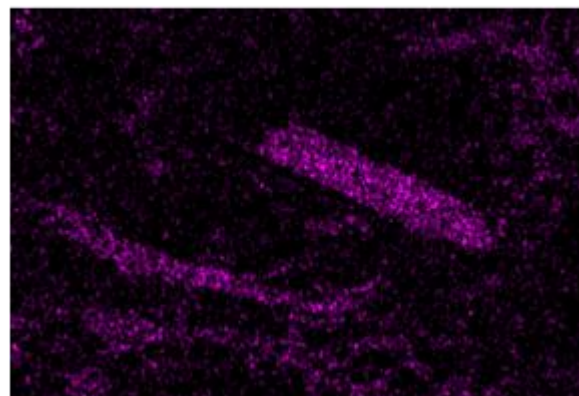
Ca K α 1Si K α 1Mg K α 1_2C K α 1_2Al K α 1K K α 1

S K α 1Fe K α 1P K α 1Na K α 1_2Ti K α 1

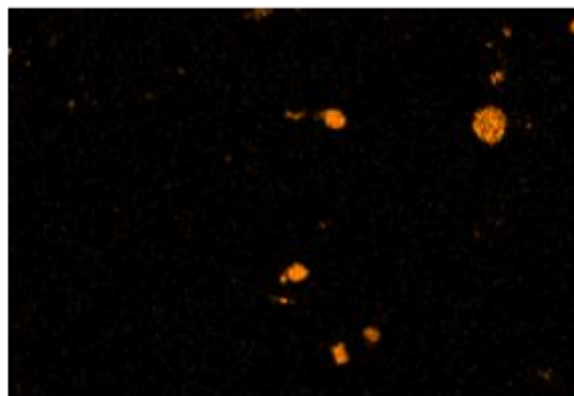
EDS Layered Image 3



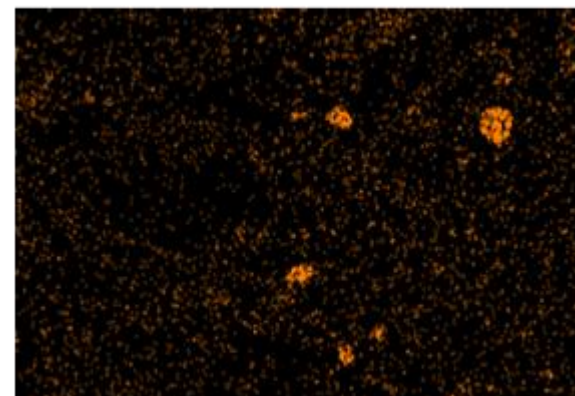
Si K α 150 μ mMg K α 1_250 μ mCa K α 150 μ mAl K α 150 μ mC K α 1_250 μ mNa K α 1_250 μ m

K K α 1

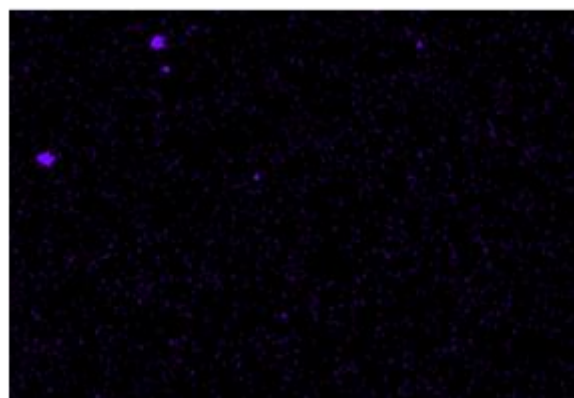
50μm

S K α 1

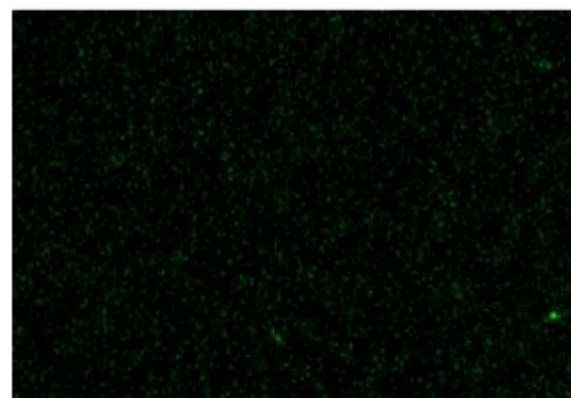
50μm

Fe K α 1

50μm

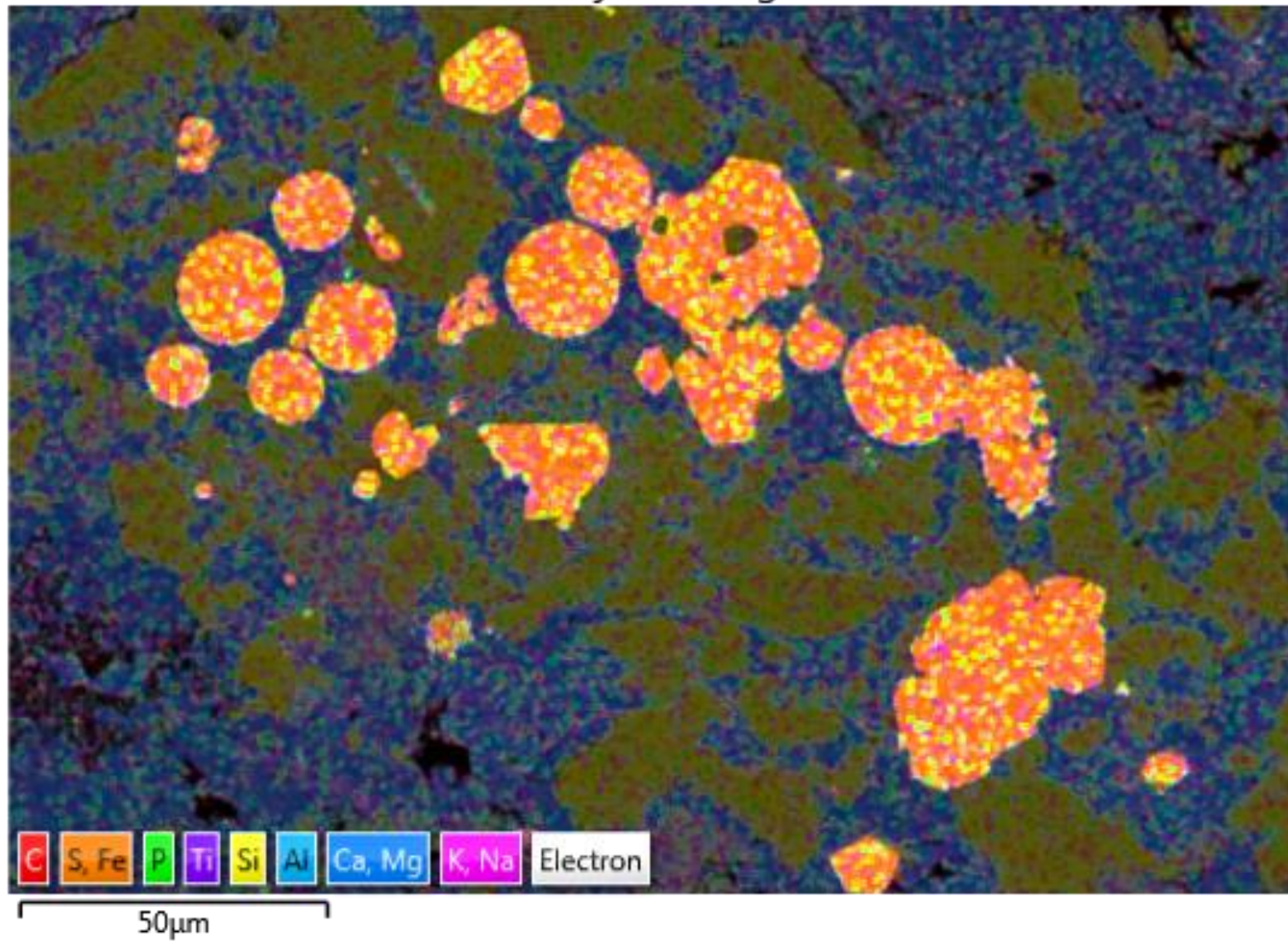
Ti K α 1

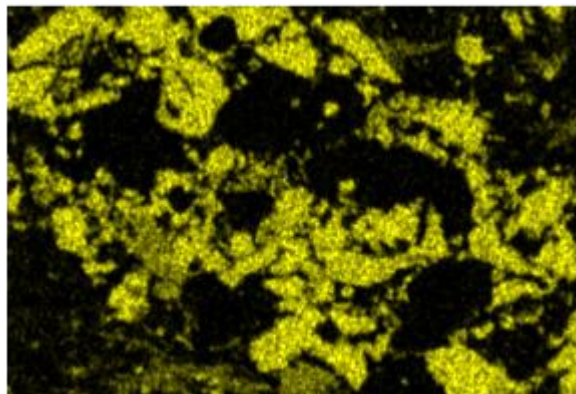
50μm

P K α 1

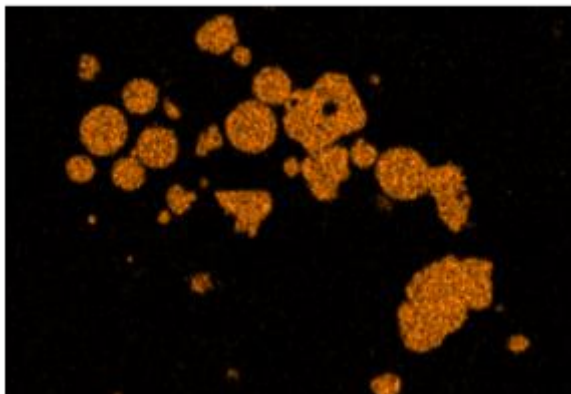
50μm

EDS Layered Image 4

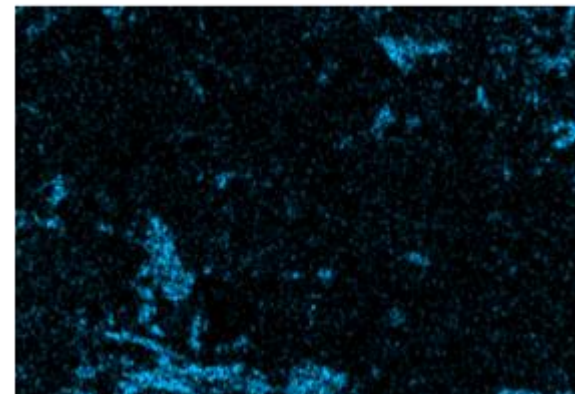


Si K α 1

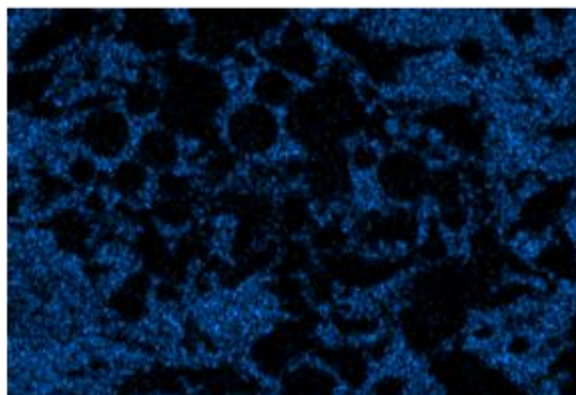
50μm

S K α 1

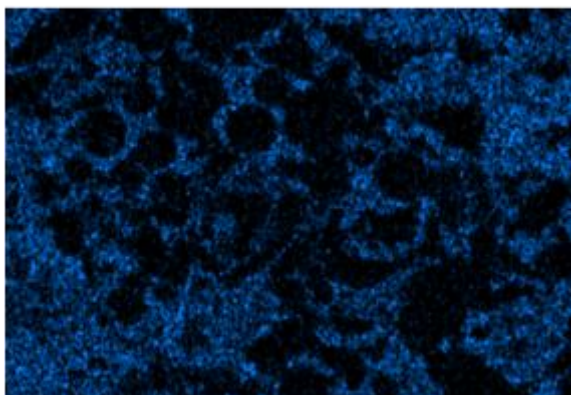
50μm

Al K α 1

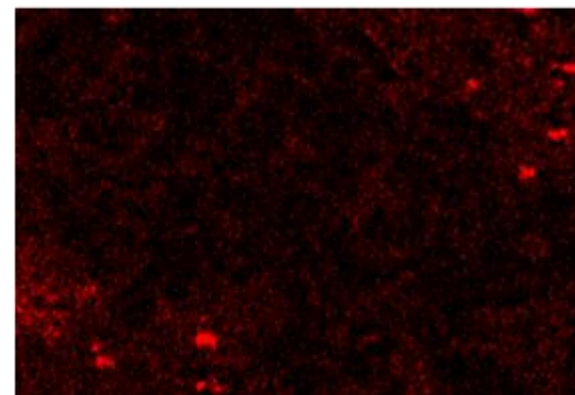
50μm

Ca K α 1

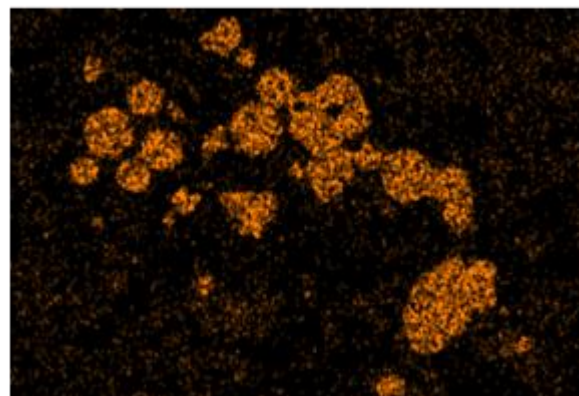
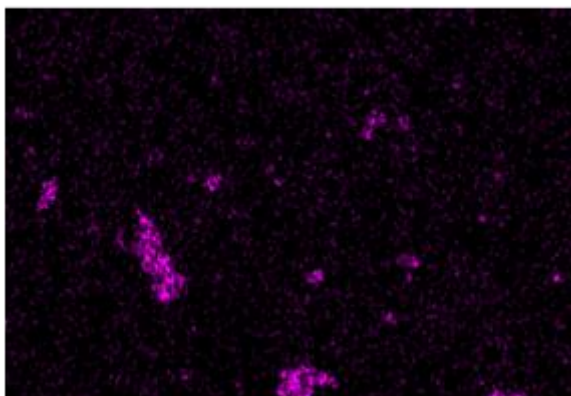
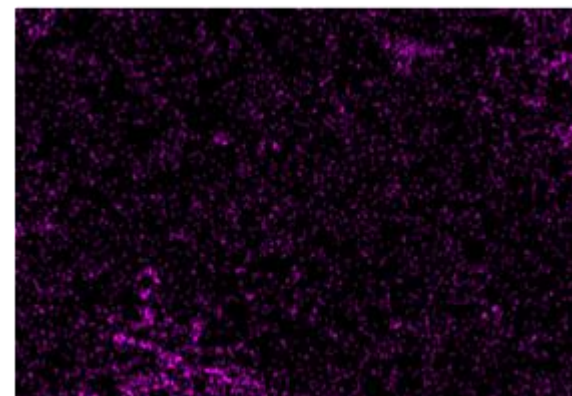
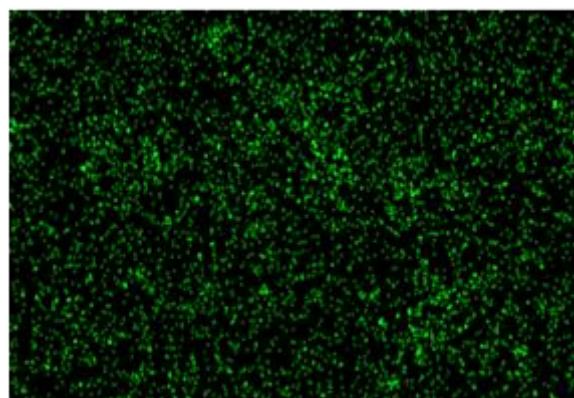
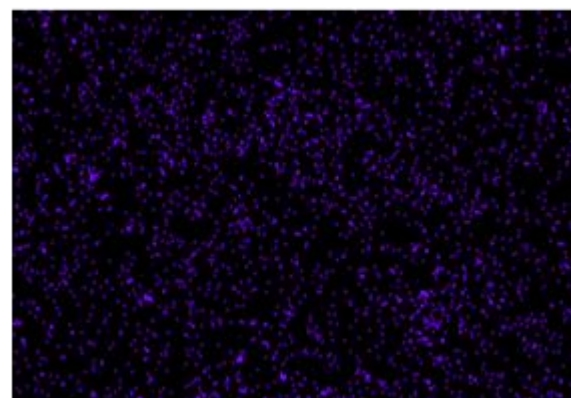
50μm

Mg K α 1_2

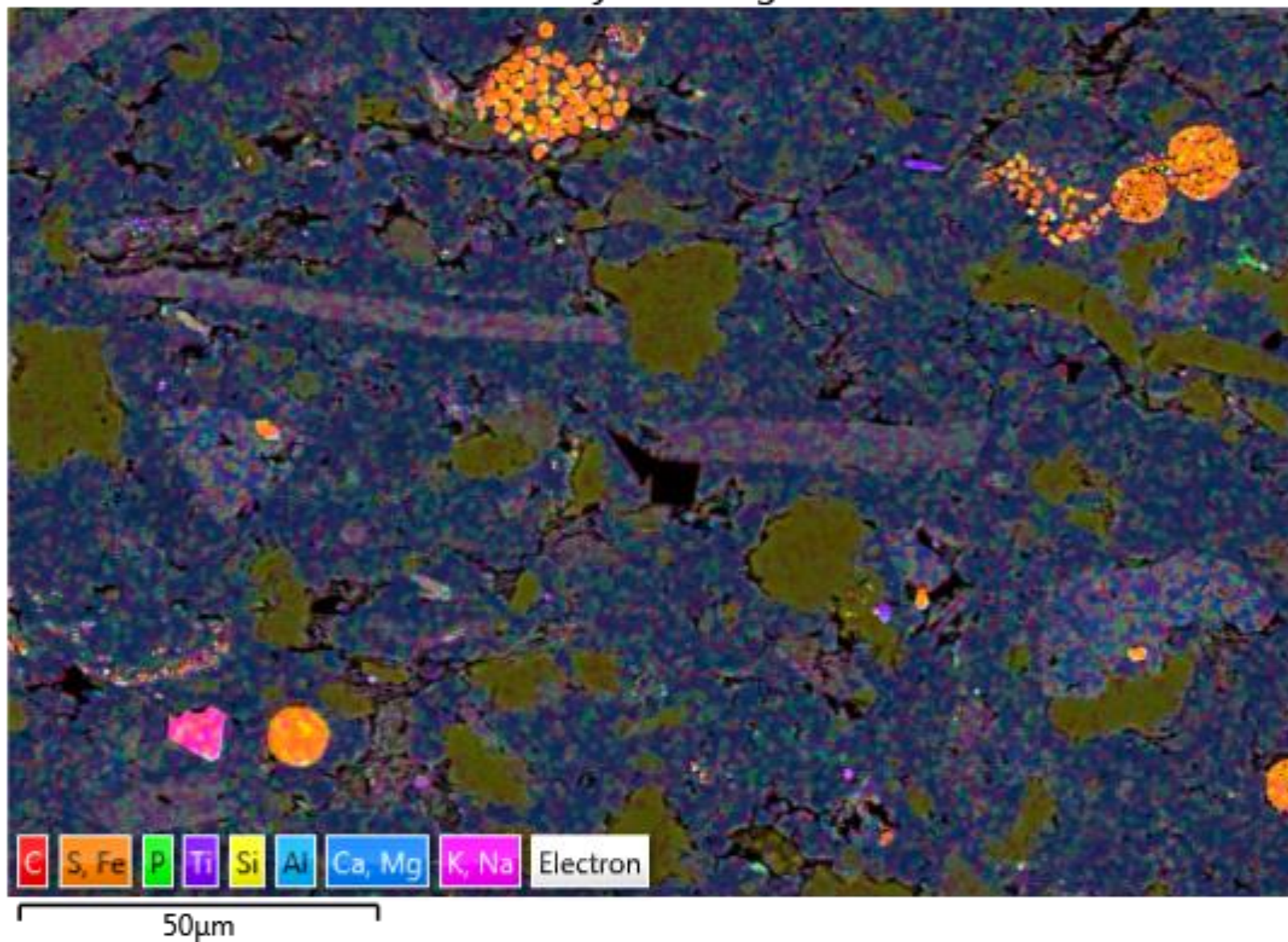
50μm

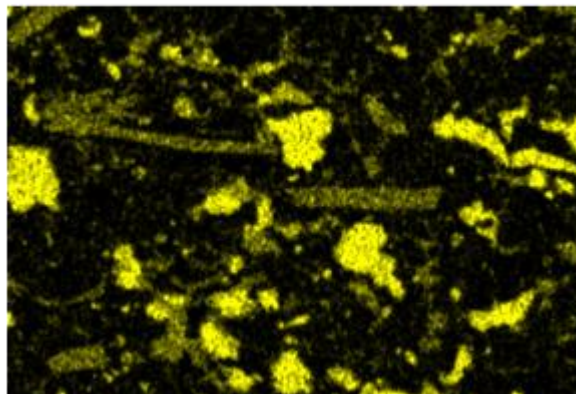
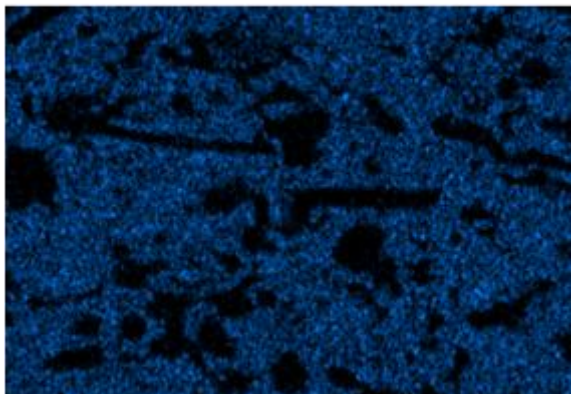
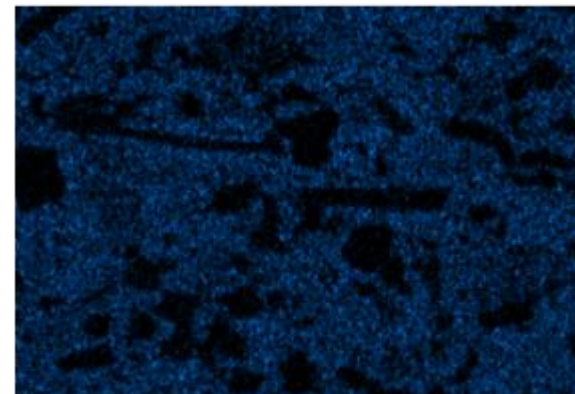
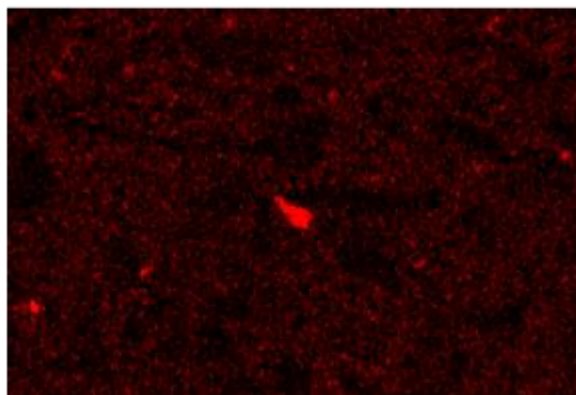
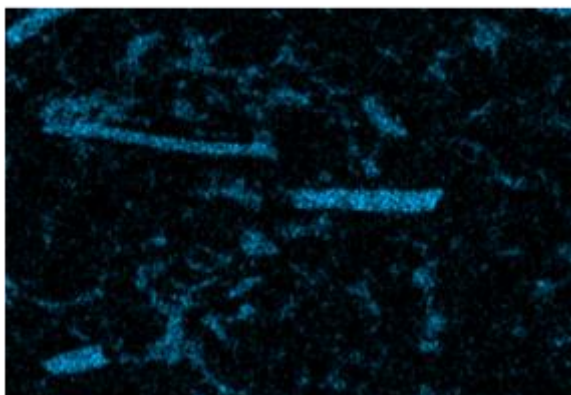
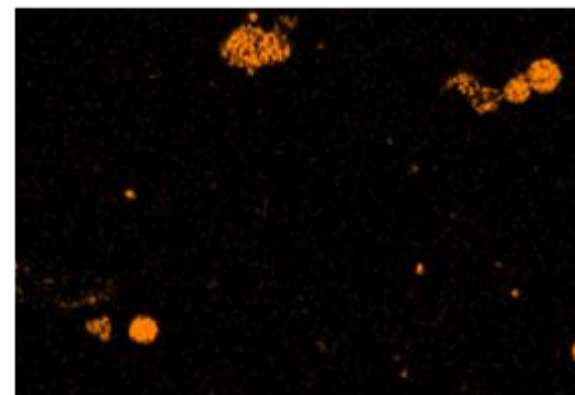
C K α 1_2

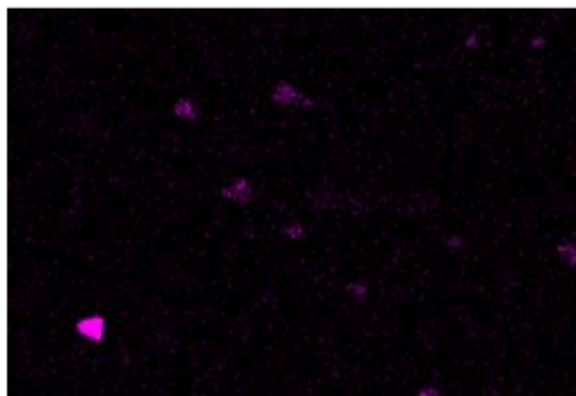
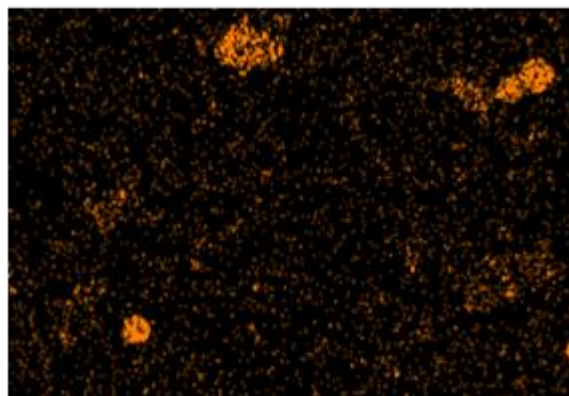
50μm

Fe K α 150 μ mNa K α 1_250 μ mK K α 150 μ mP K α 150 μ mTi K α 150 μ m

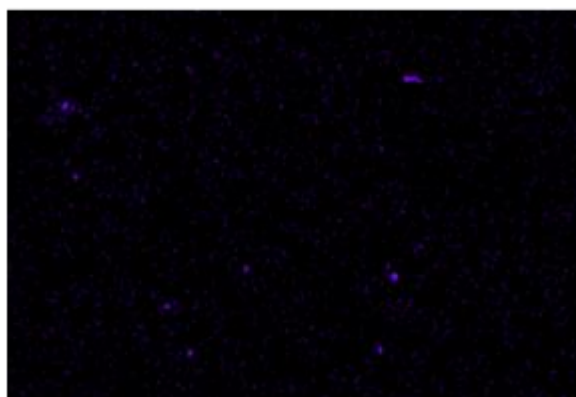
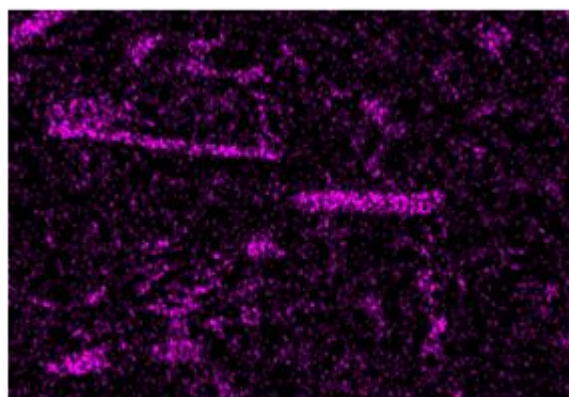
EDS Layered Image 5



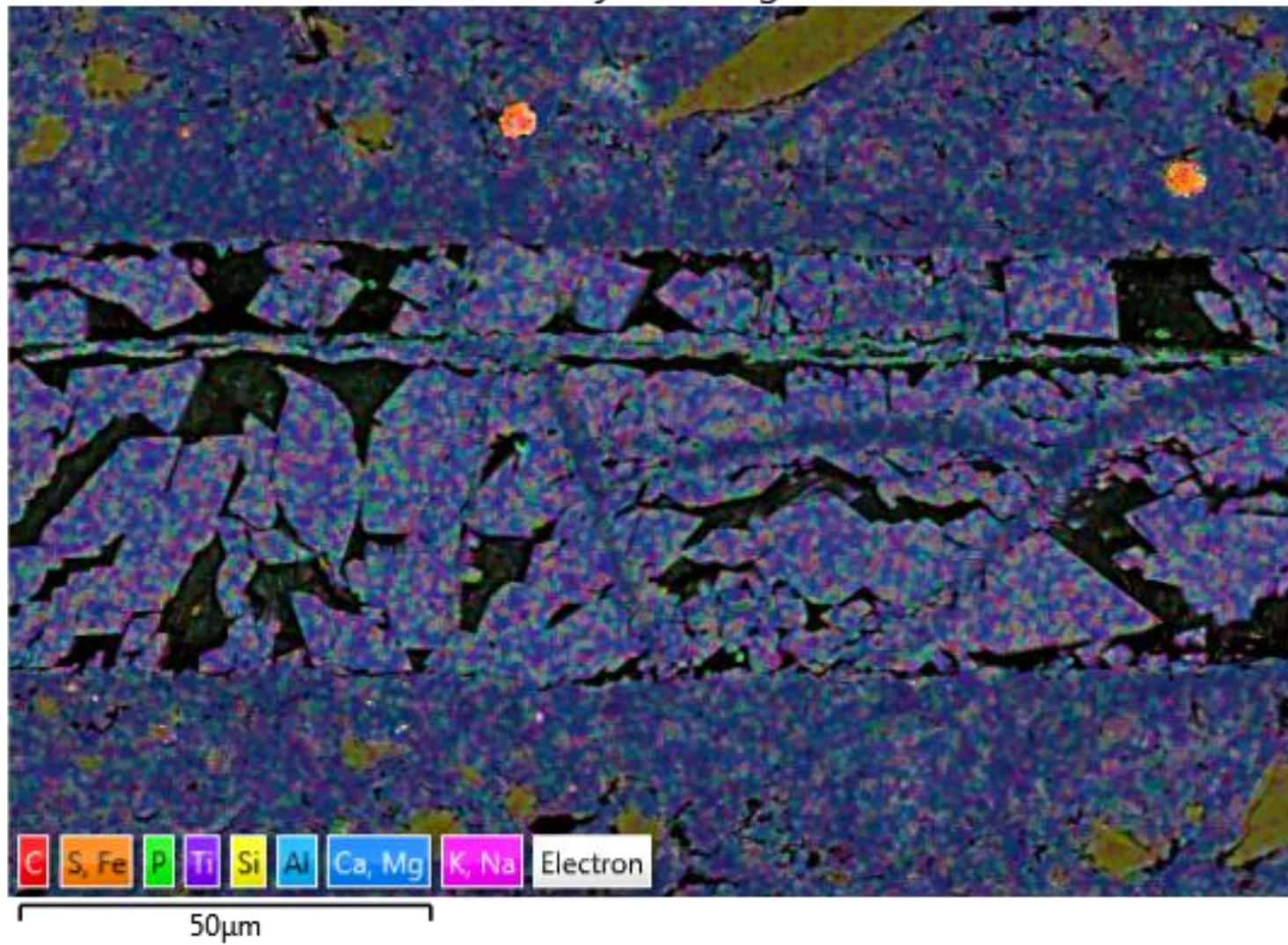
Si K α 150 μ mCa K α 150 μ mMg K α 1_250 μ mC K α 1_250 μ mAl K α 150 μ mS K α 150 μ m

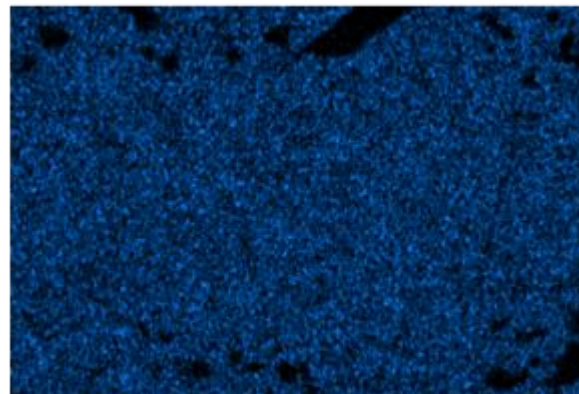
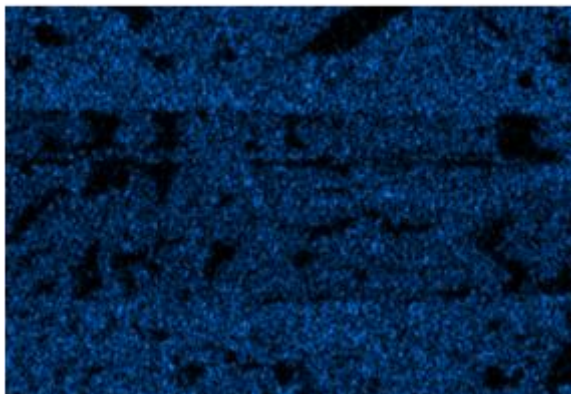
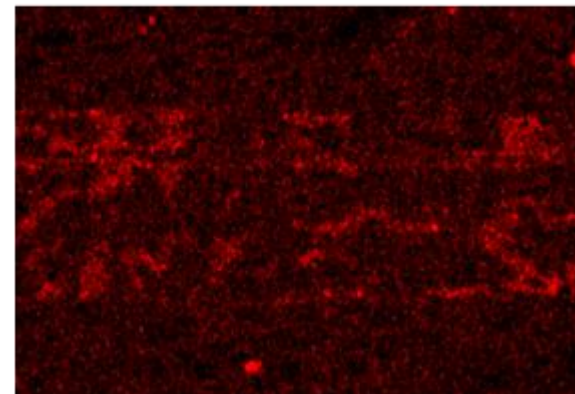
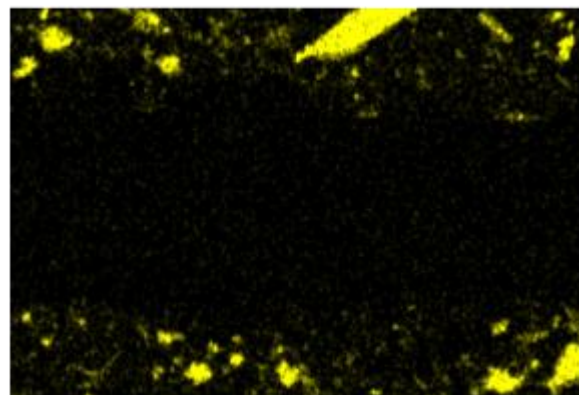
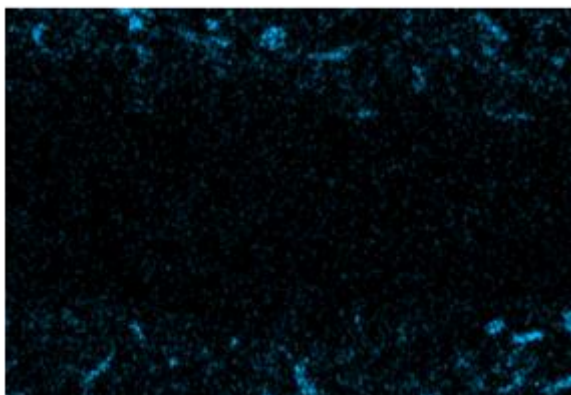
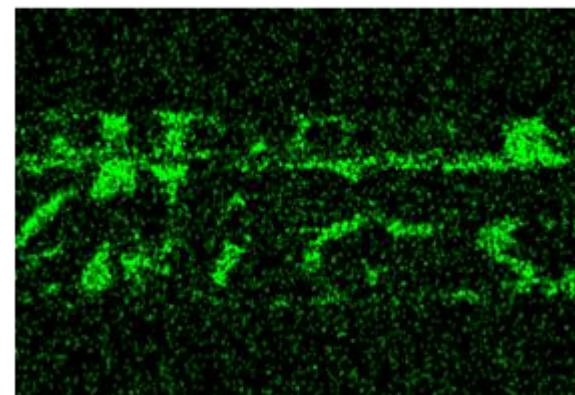
Na K α 1_2Fe K α 1

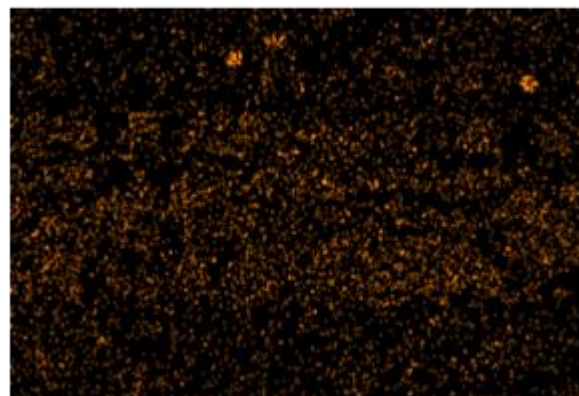
EDS Layered Image 6

Ti K α 1K K α 1

EDS Layered Image 6



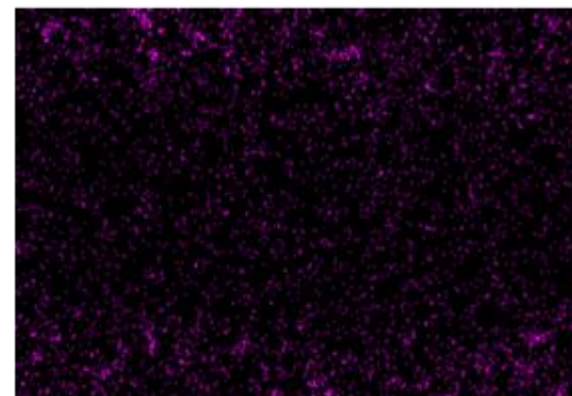
Ca K α 1Mg K α 1_2C K α 1_2Si K α 1Al K α 1P K α 1

Fe K α 1

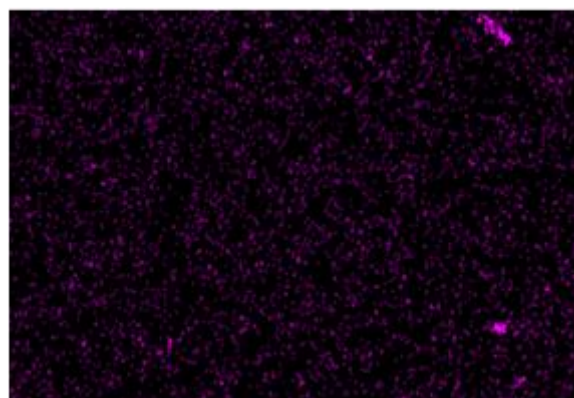
50μm

S K α 1

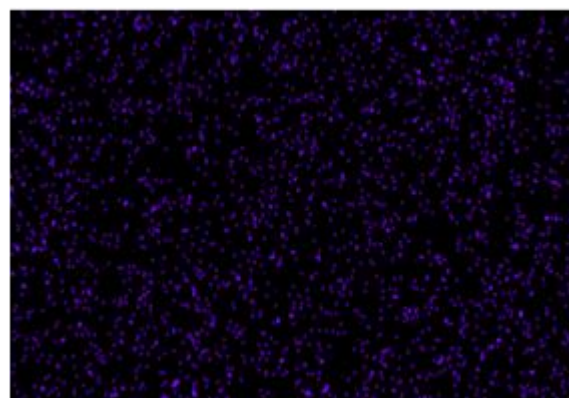
50μm

K K α 1

50μm

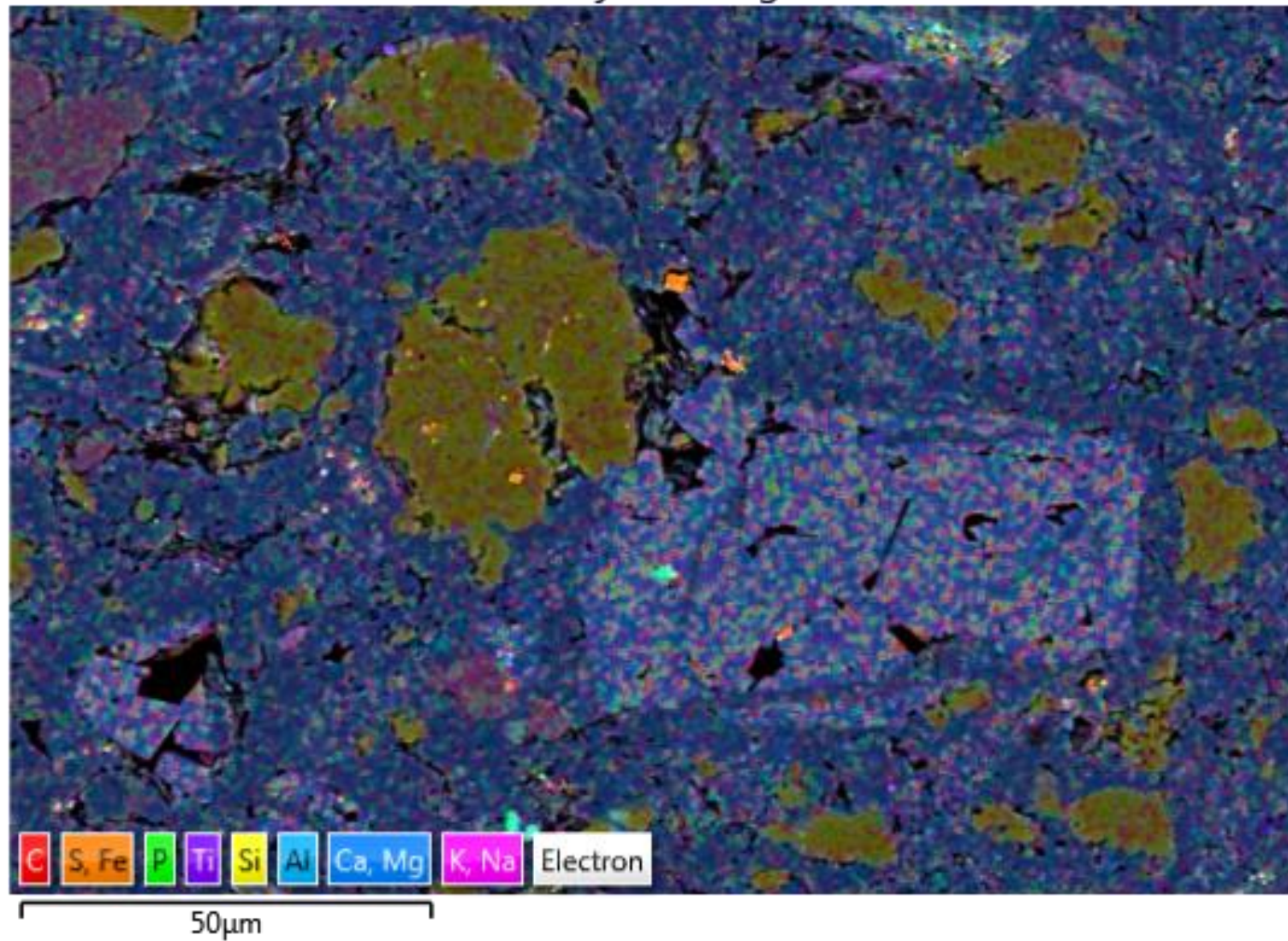
Na K α 1_2

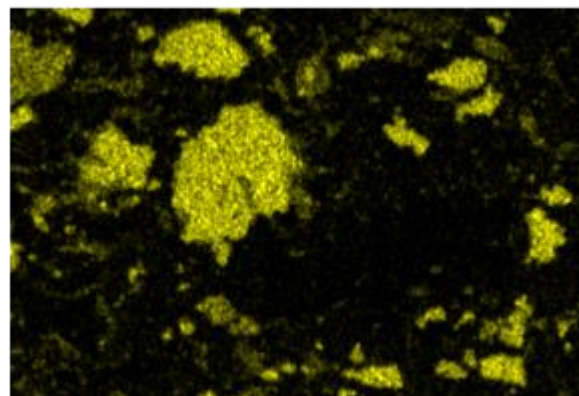
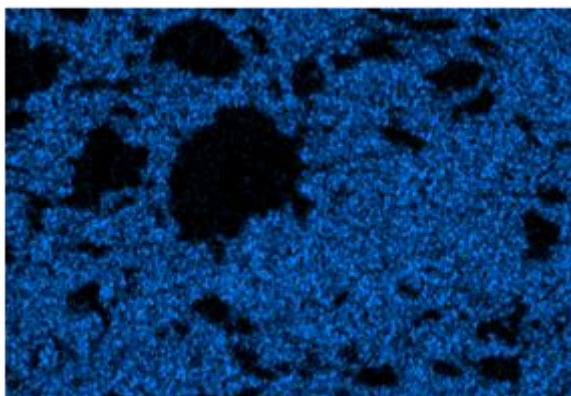
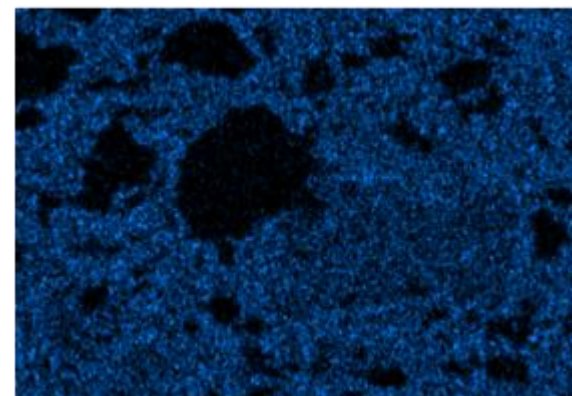
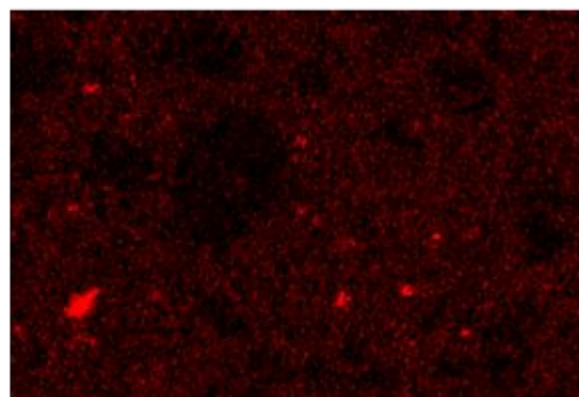
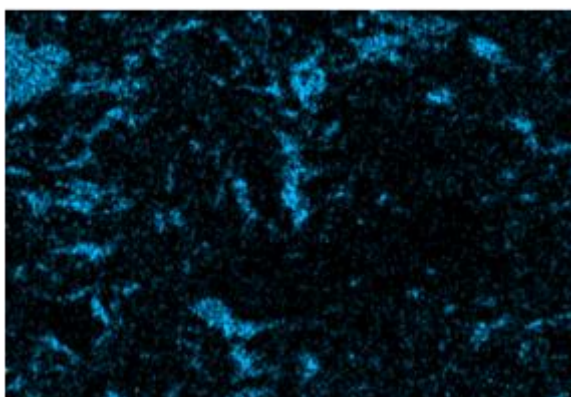
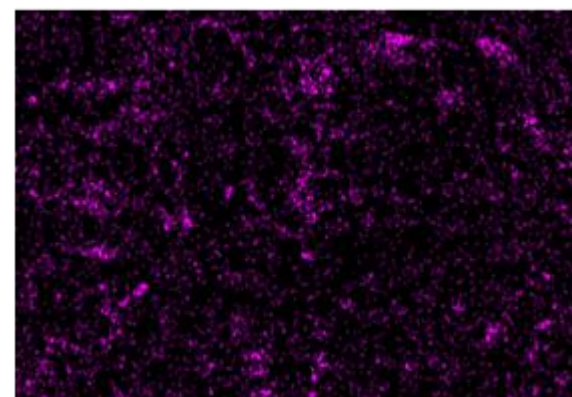
50μm

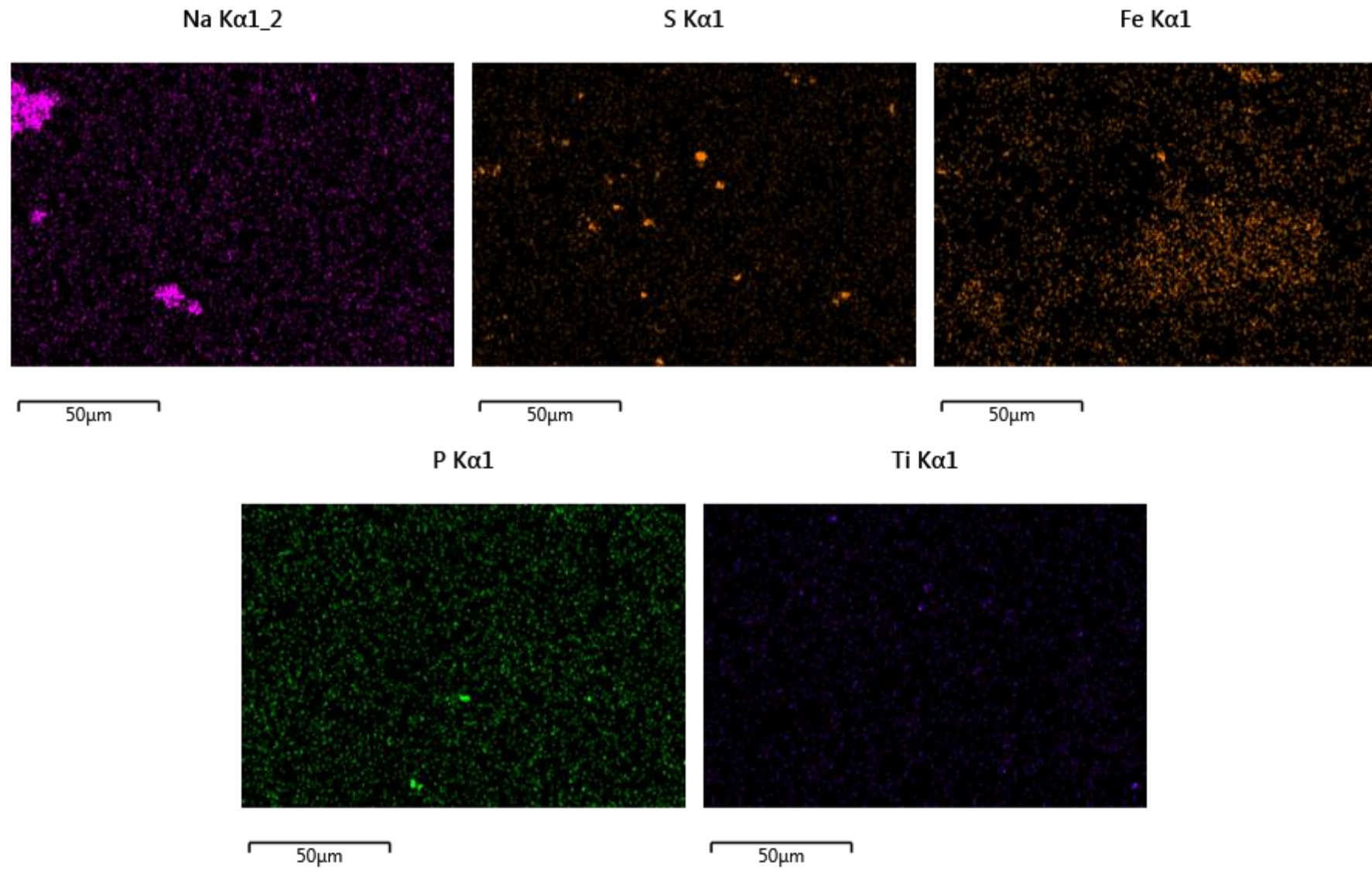
Ti K α 1

50μm

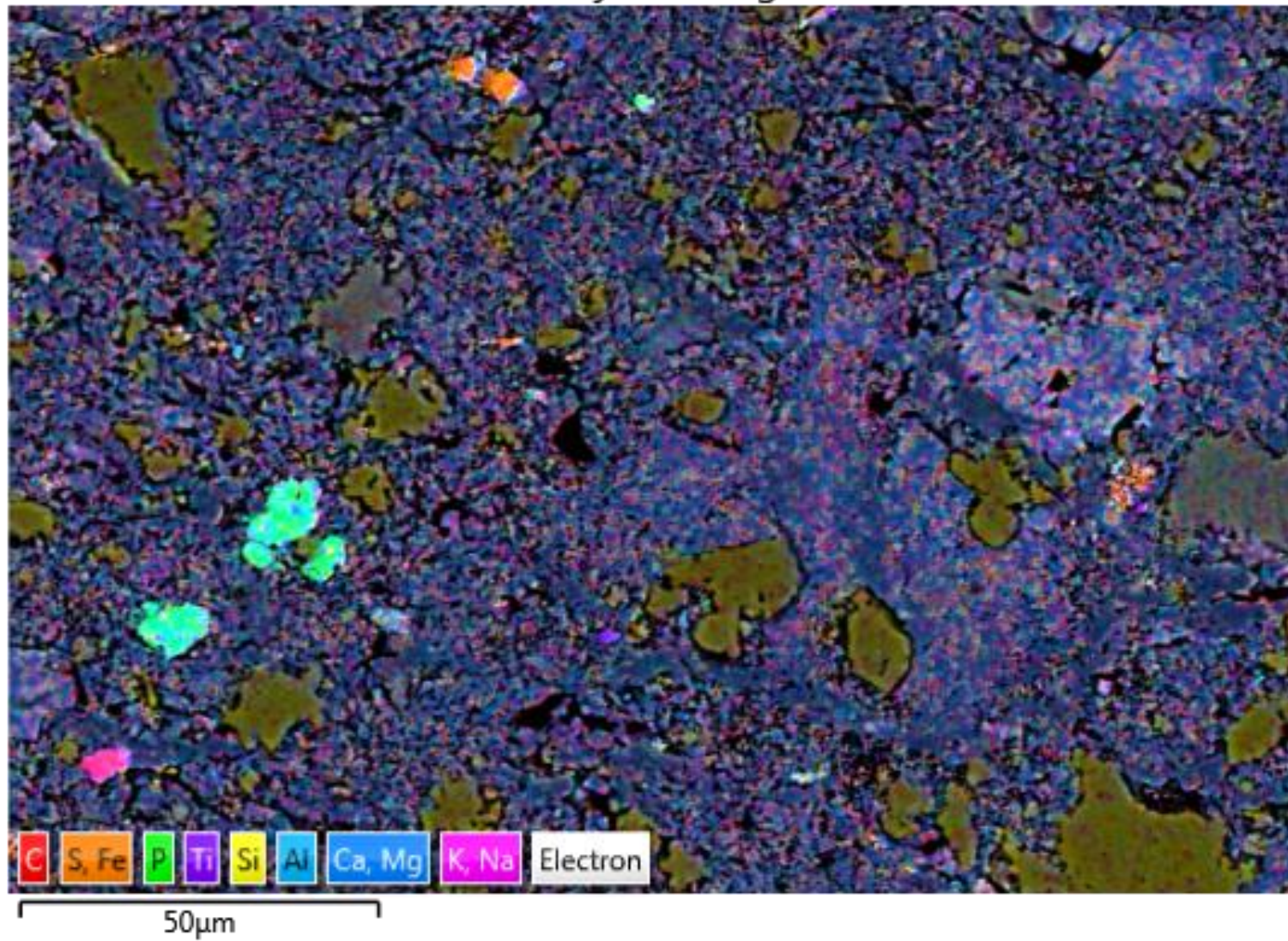
EDS Layered Image 7

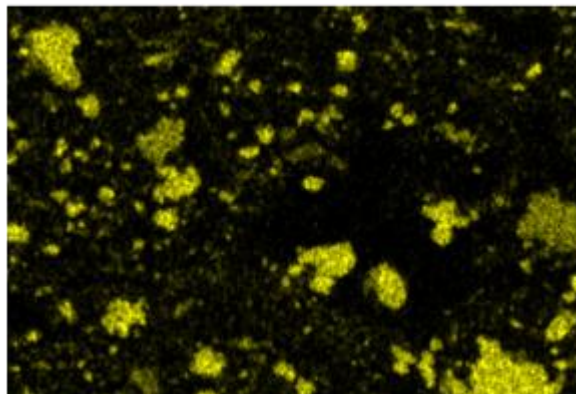
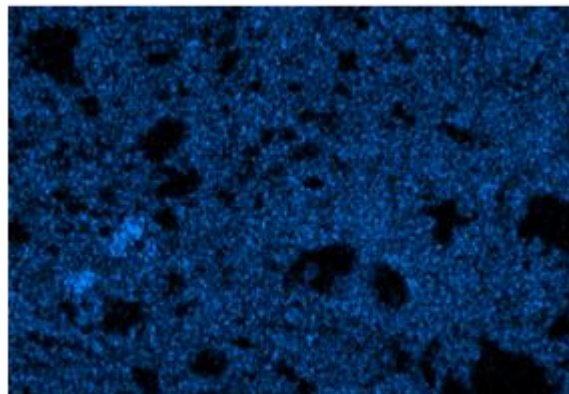
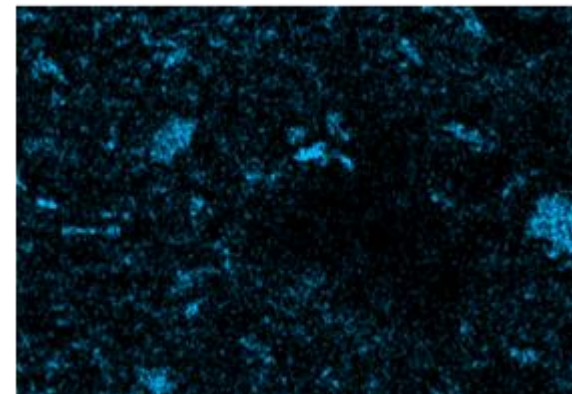
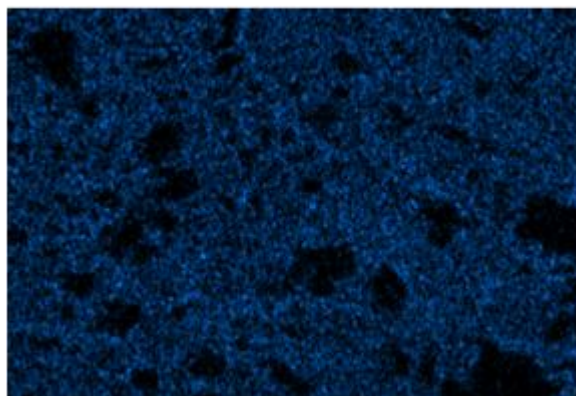
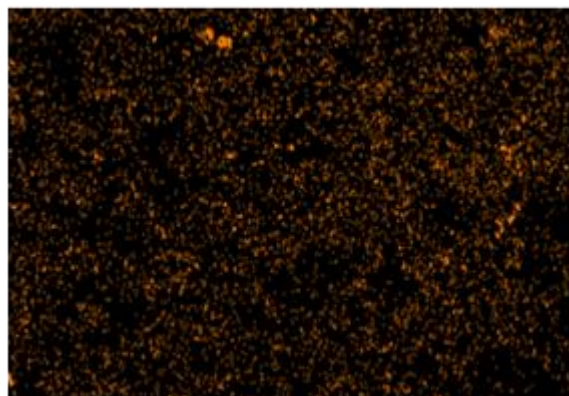
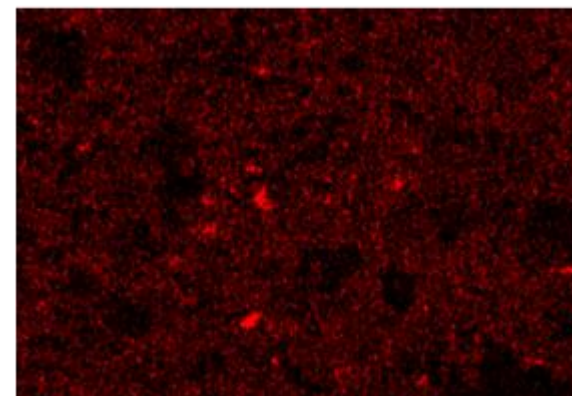


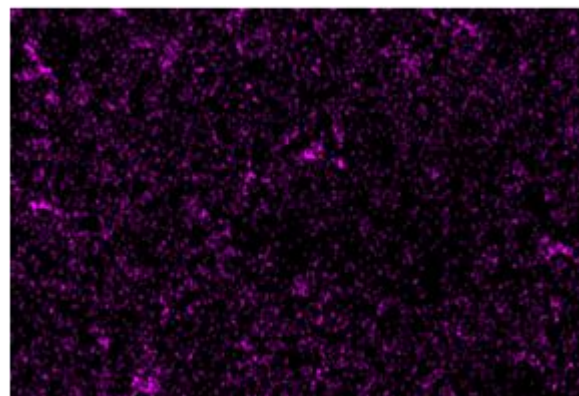
Si K α 150 μ mCa K α 150 μ mMg K α 1_250 μ mC K α 1_250 μ mAl K α 150 μ mK K α 150 μ m



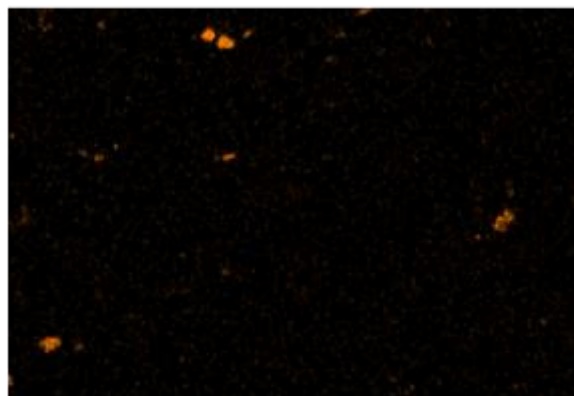
EDS Layered Image 2



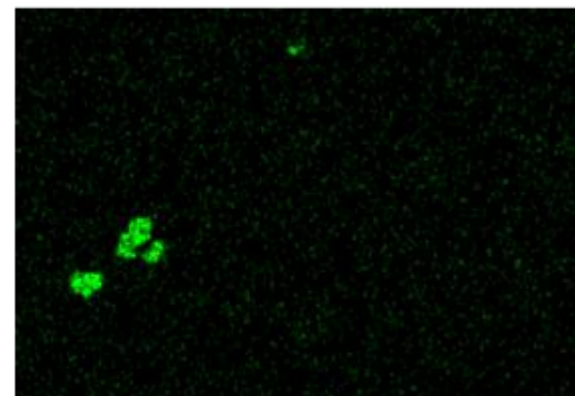
Si K α 150 μ mCa K α 150 μ mAl K α 150 μ mMg K α 1_250 μ mFe K α 150 μ mC K α 1_250 μ m

K K α 1

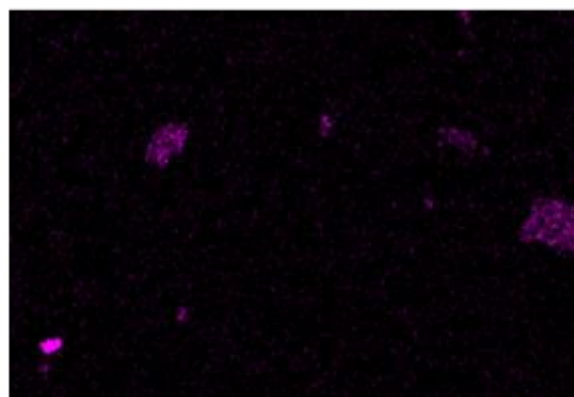
50μm

S K α 1

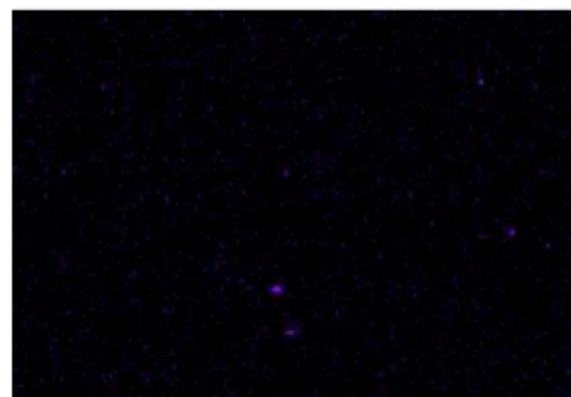
50μm

P K α 1

50μm

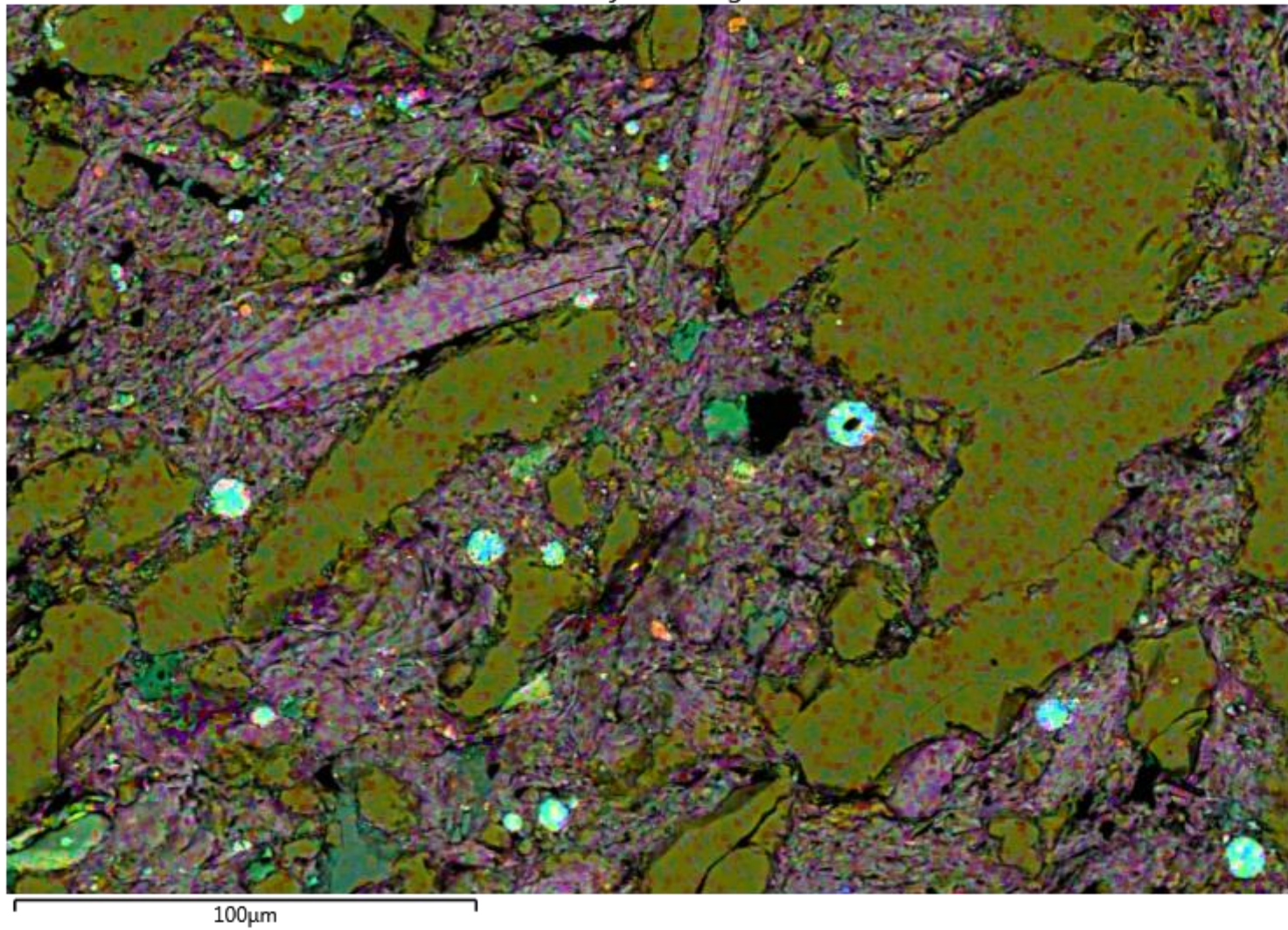
Na K α 1_2

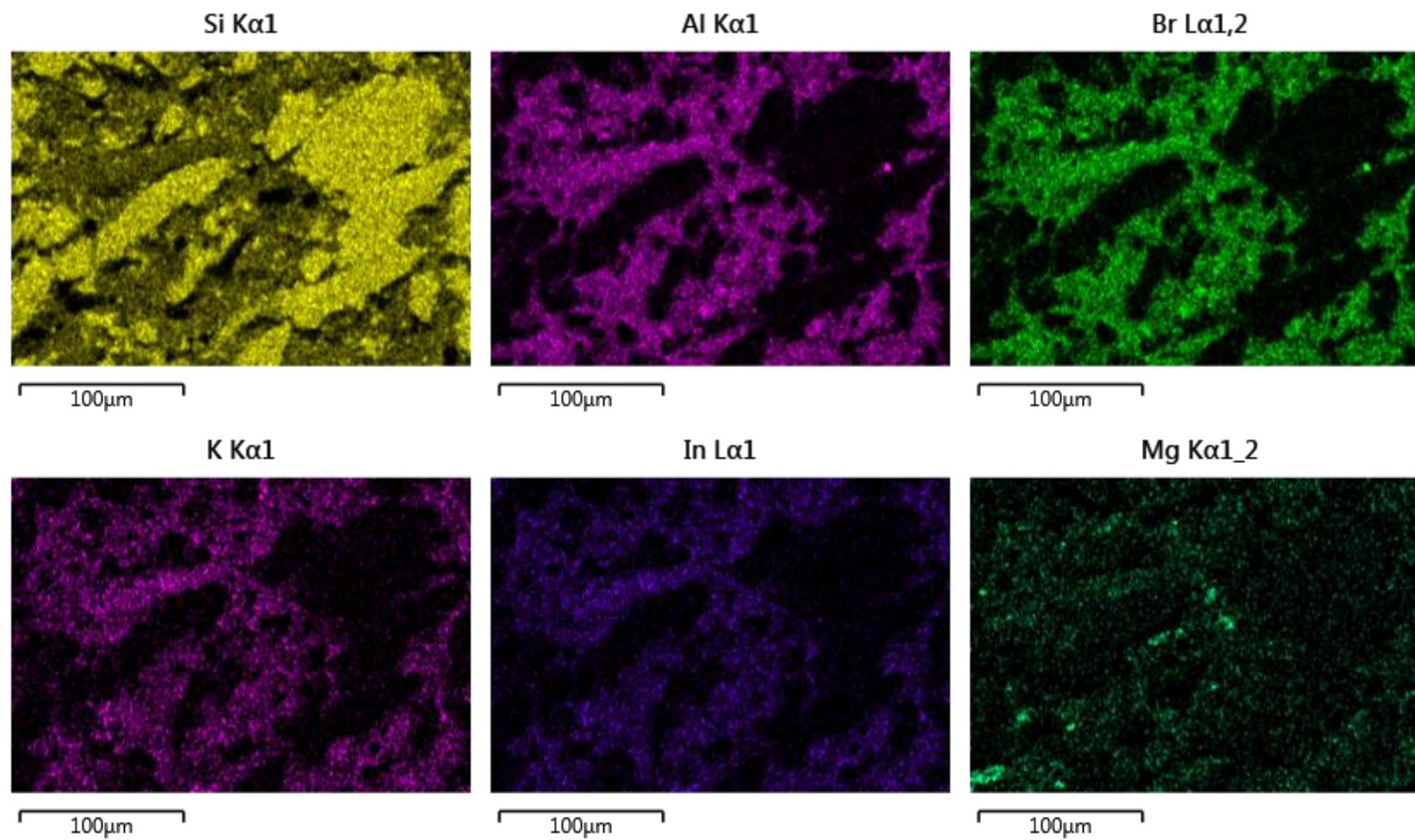
50μm

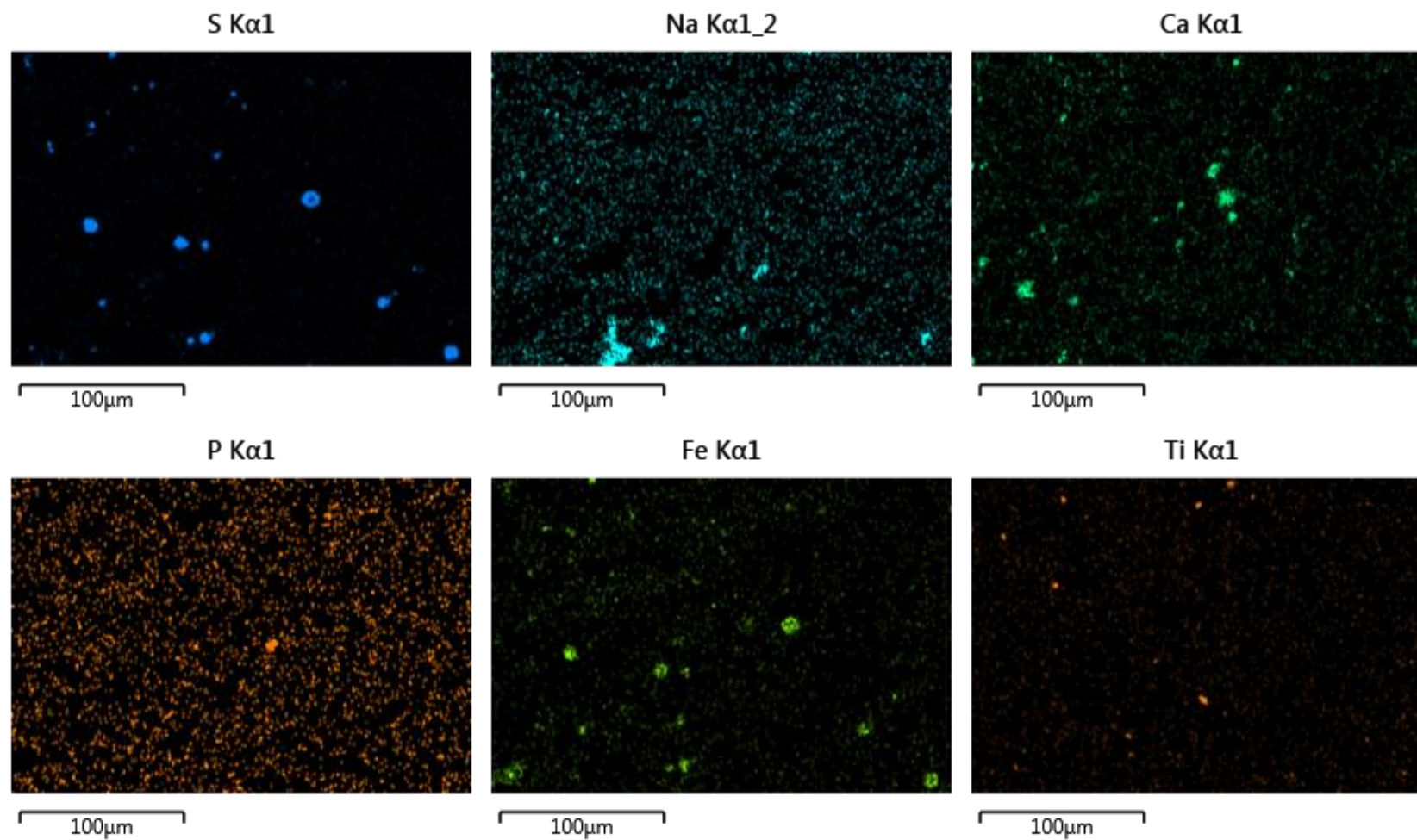
Ti K α 1

50μm

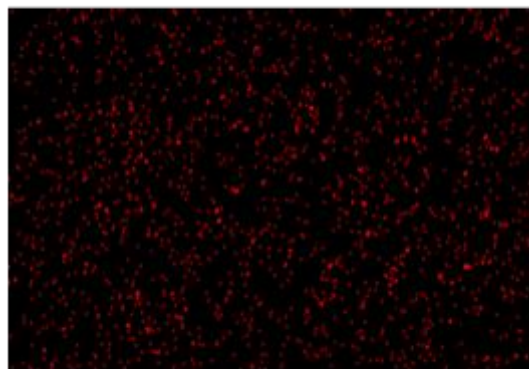
EDS Layered Image 2





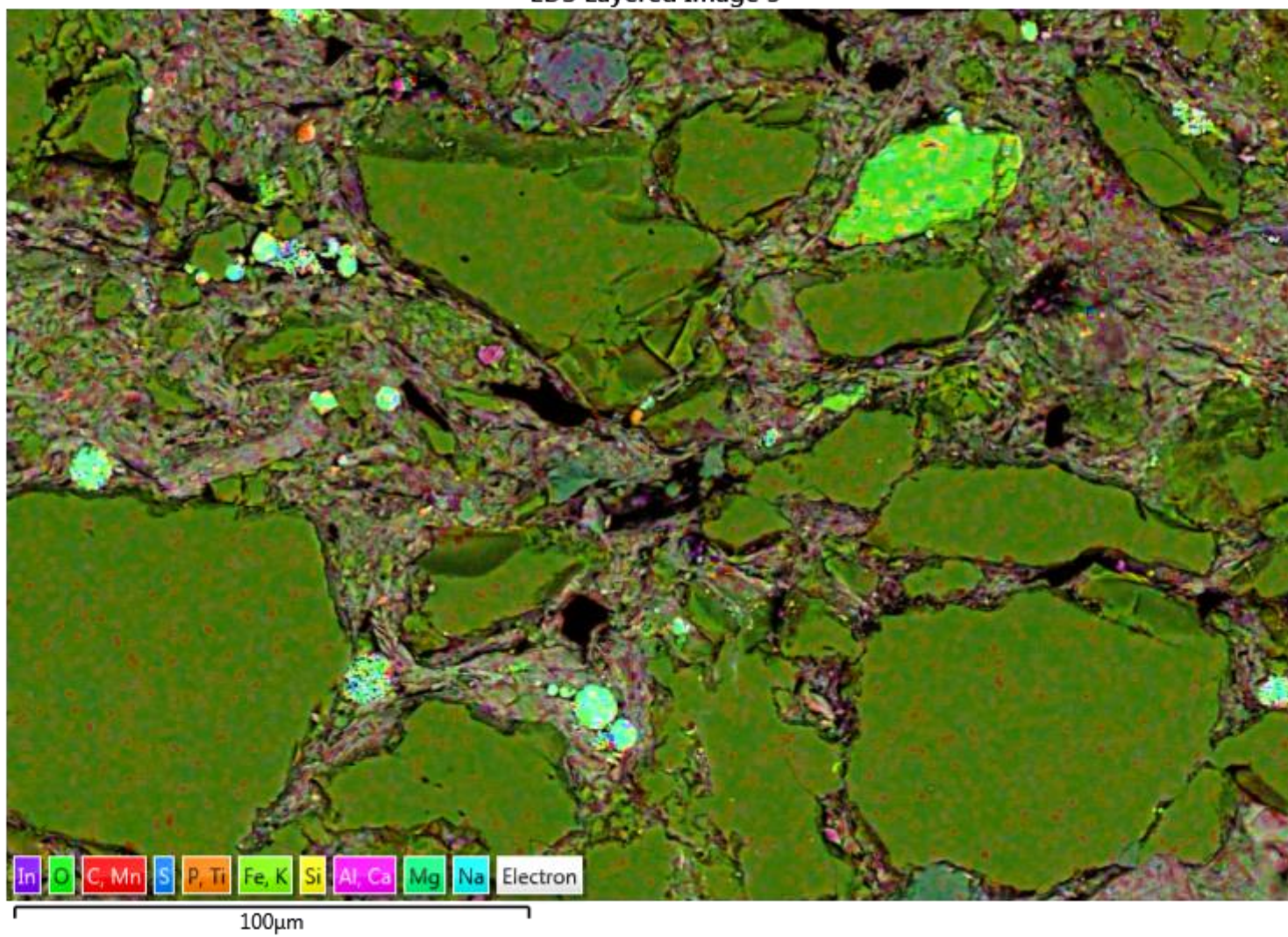


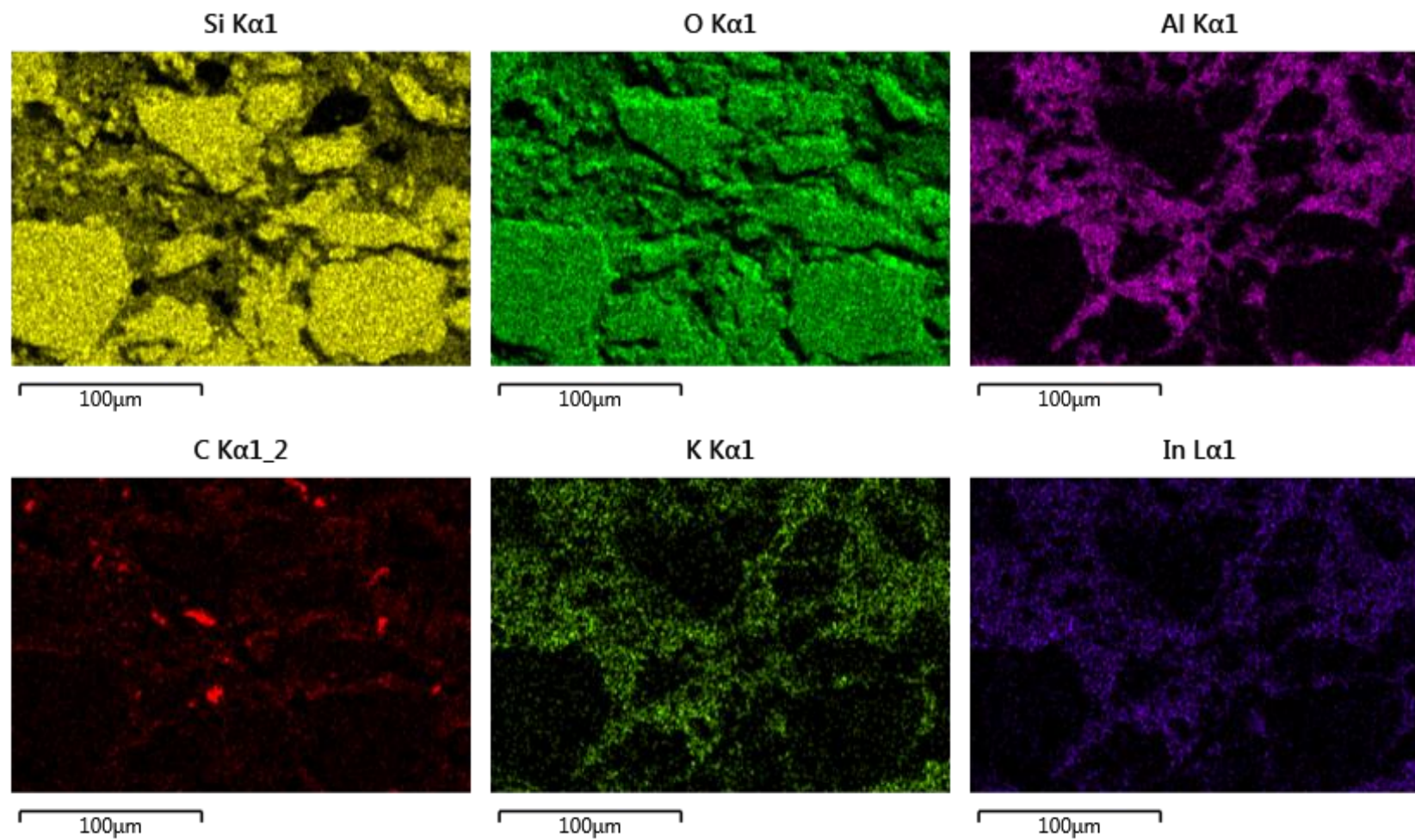
Mn K α 1

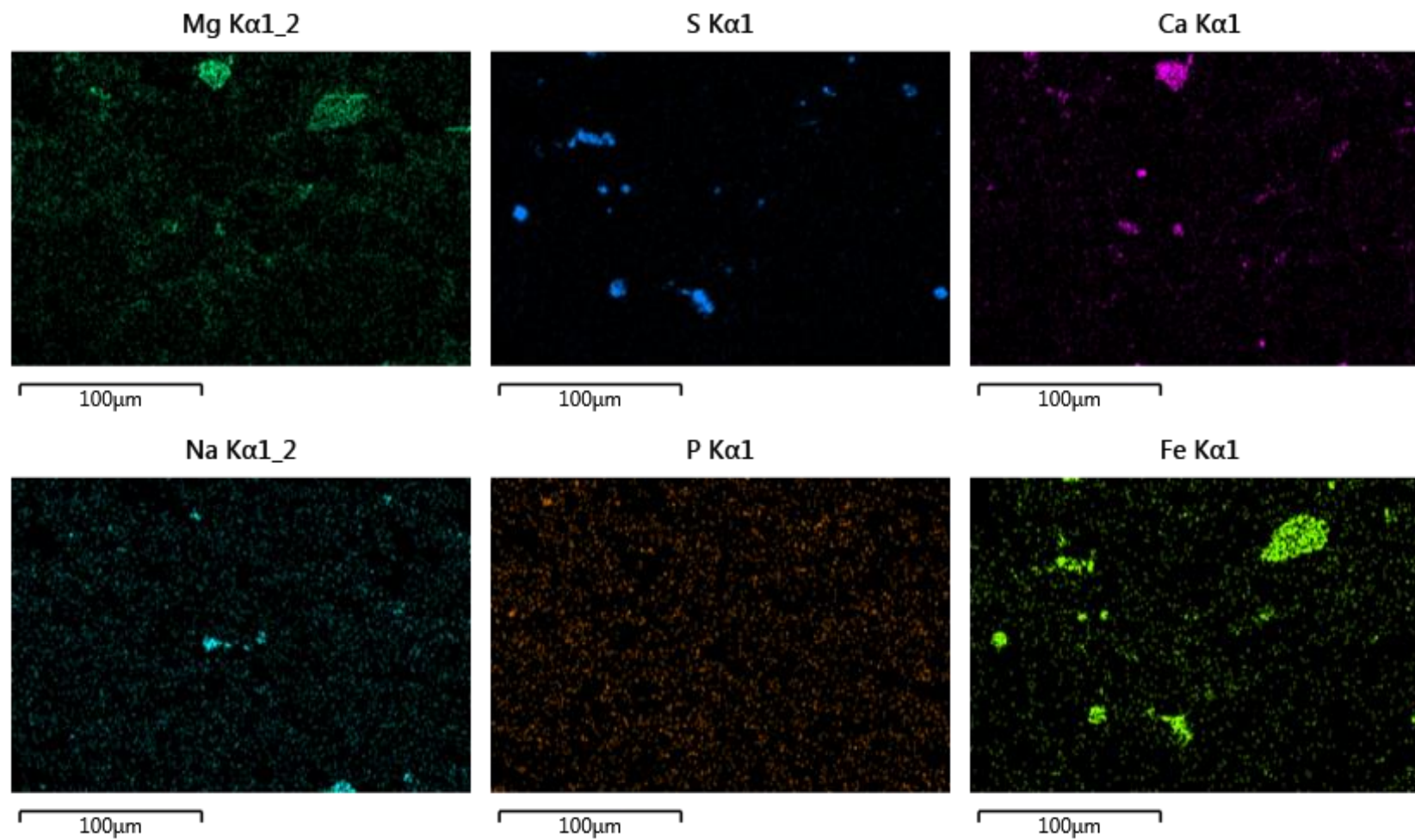


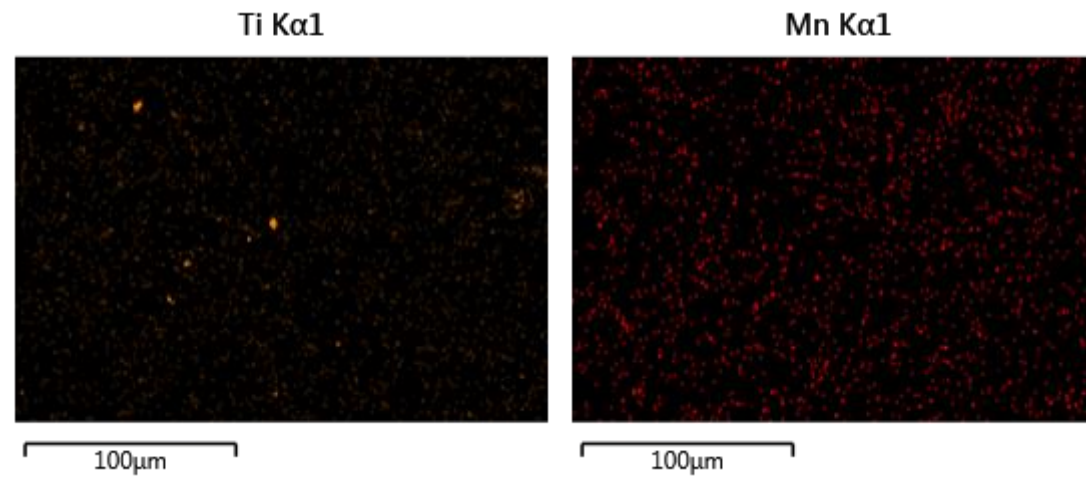
100 μ m

EDS Layered Image 3

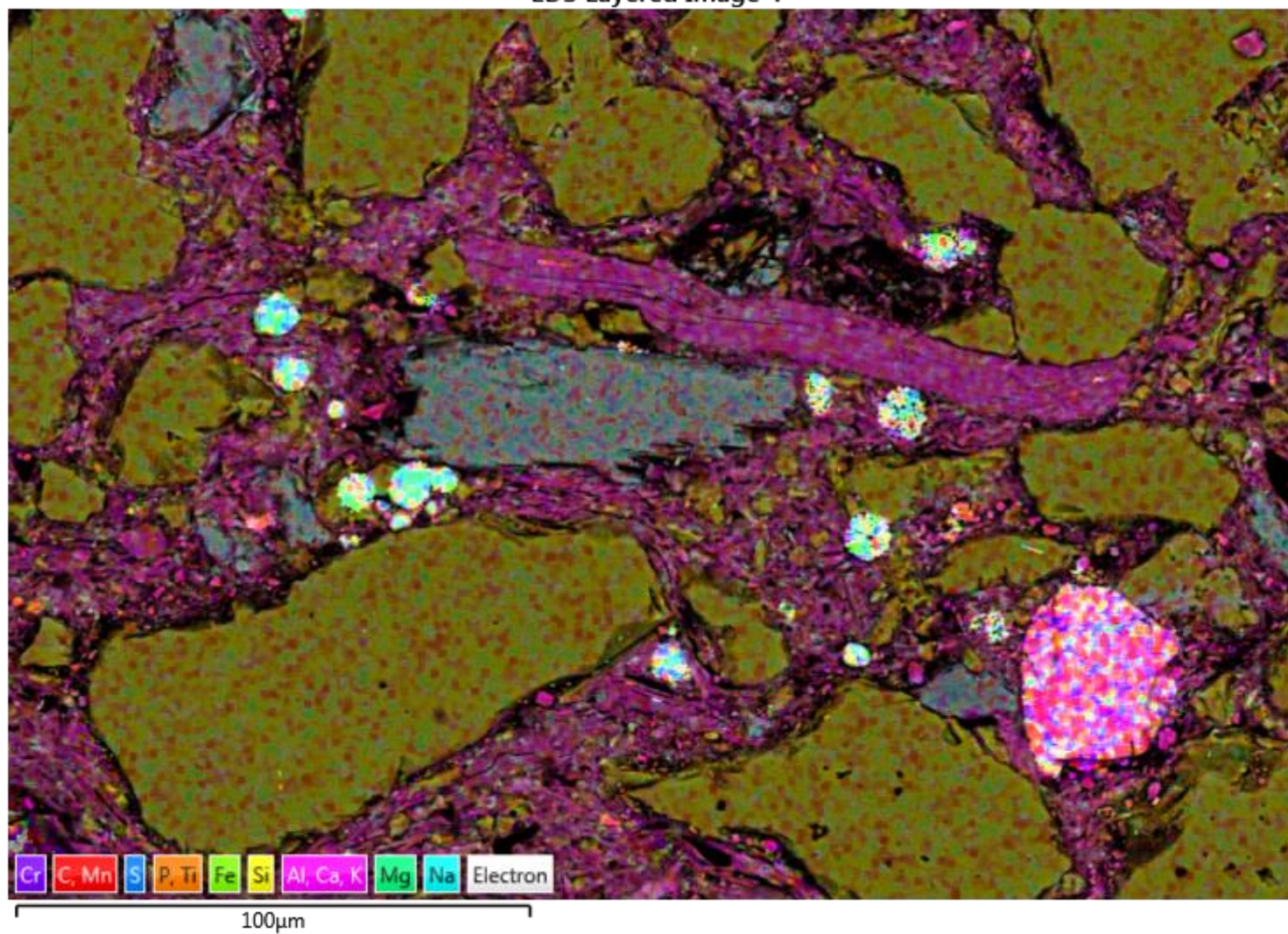




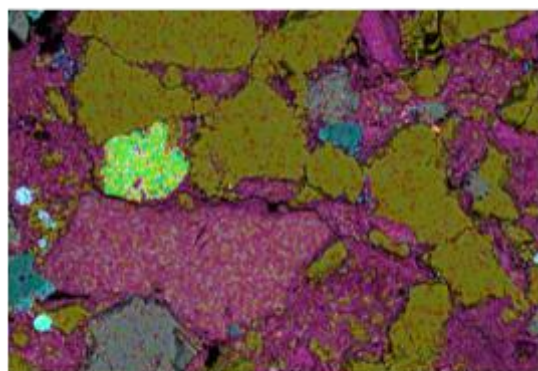




EDS Layered Image 4

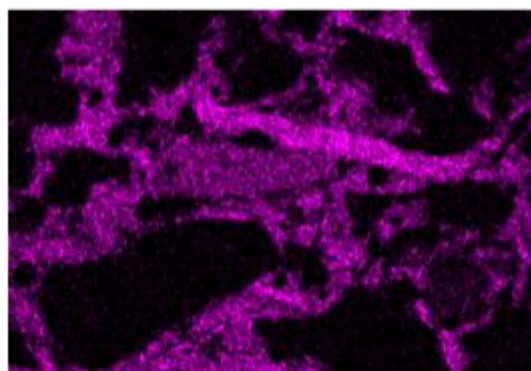


EDS Layered Image 5



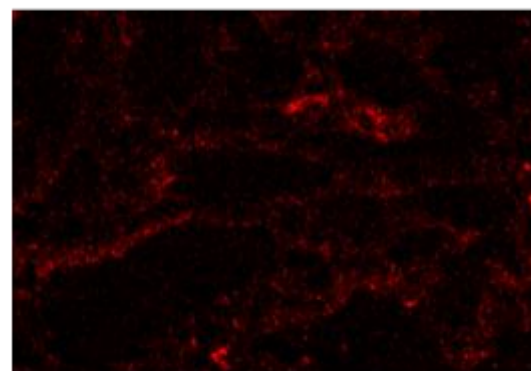
100µm

Al Kα1



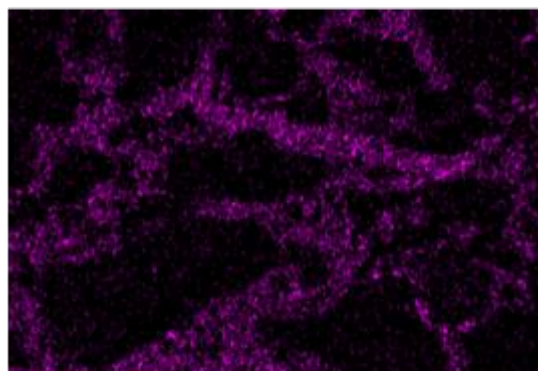
100µm

C Kα1_2



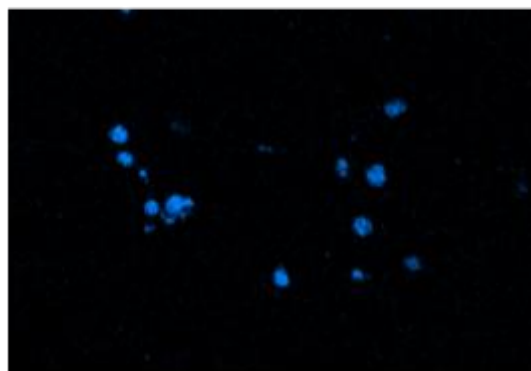
100µm

K Kα1



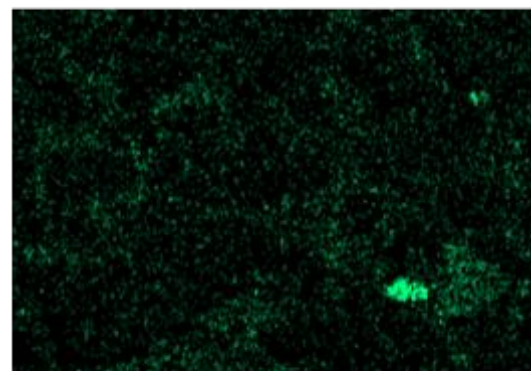
100µm

S Kα1

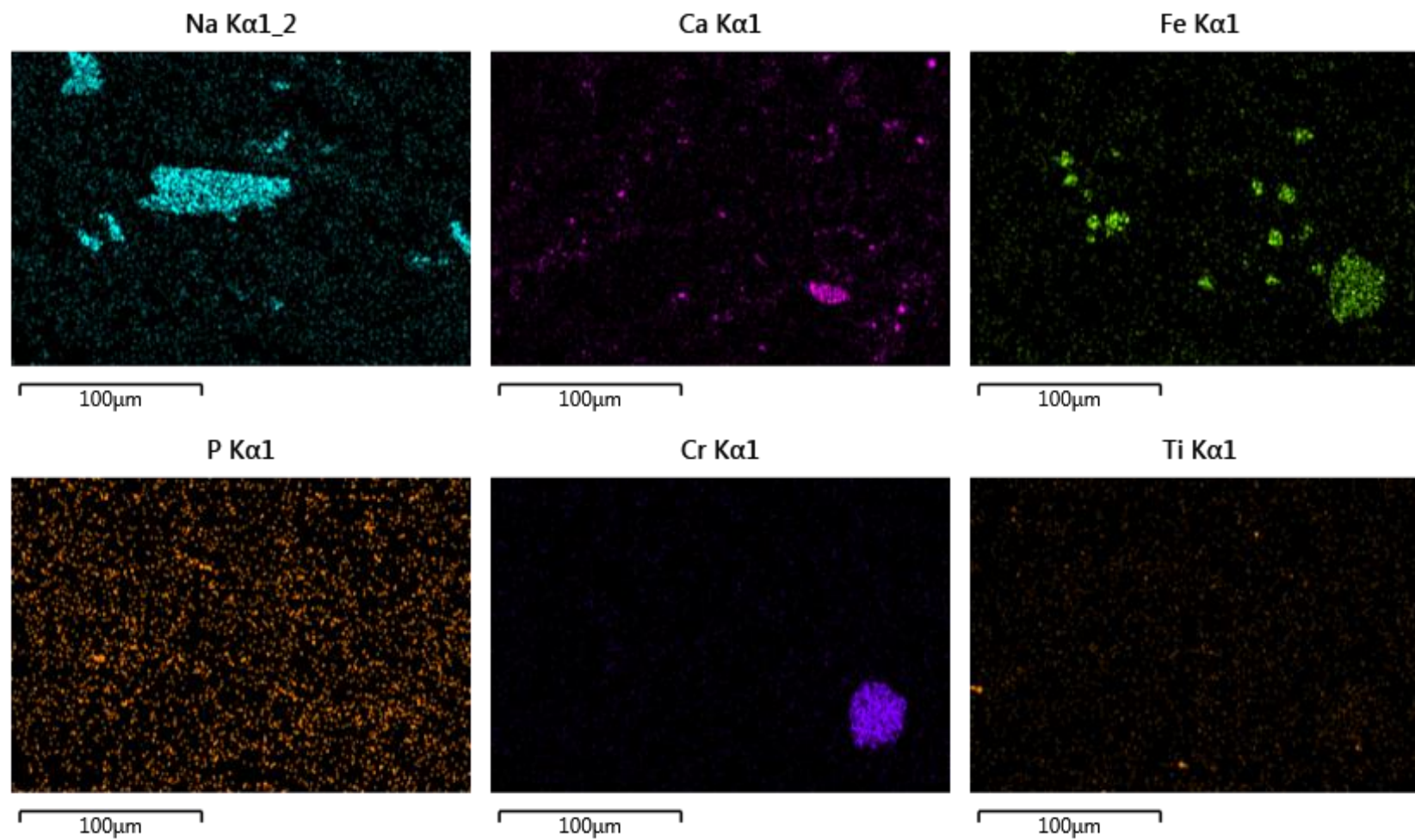


100µm

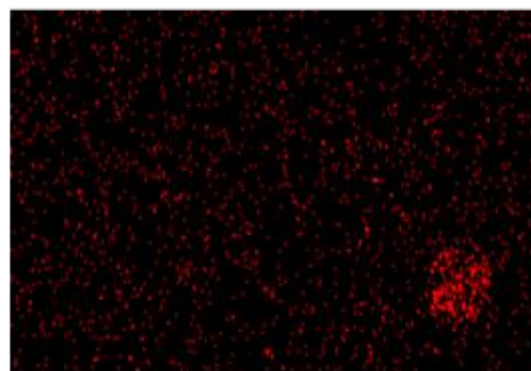
Mg Kα1_2



100µm

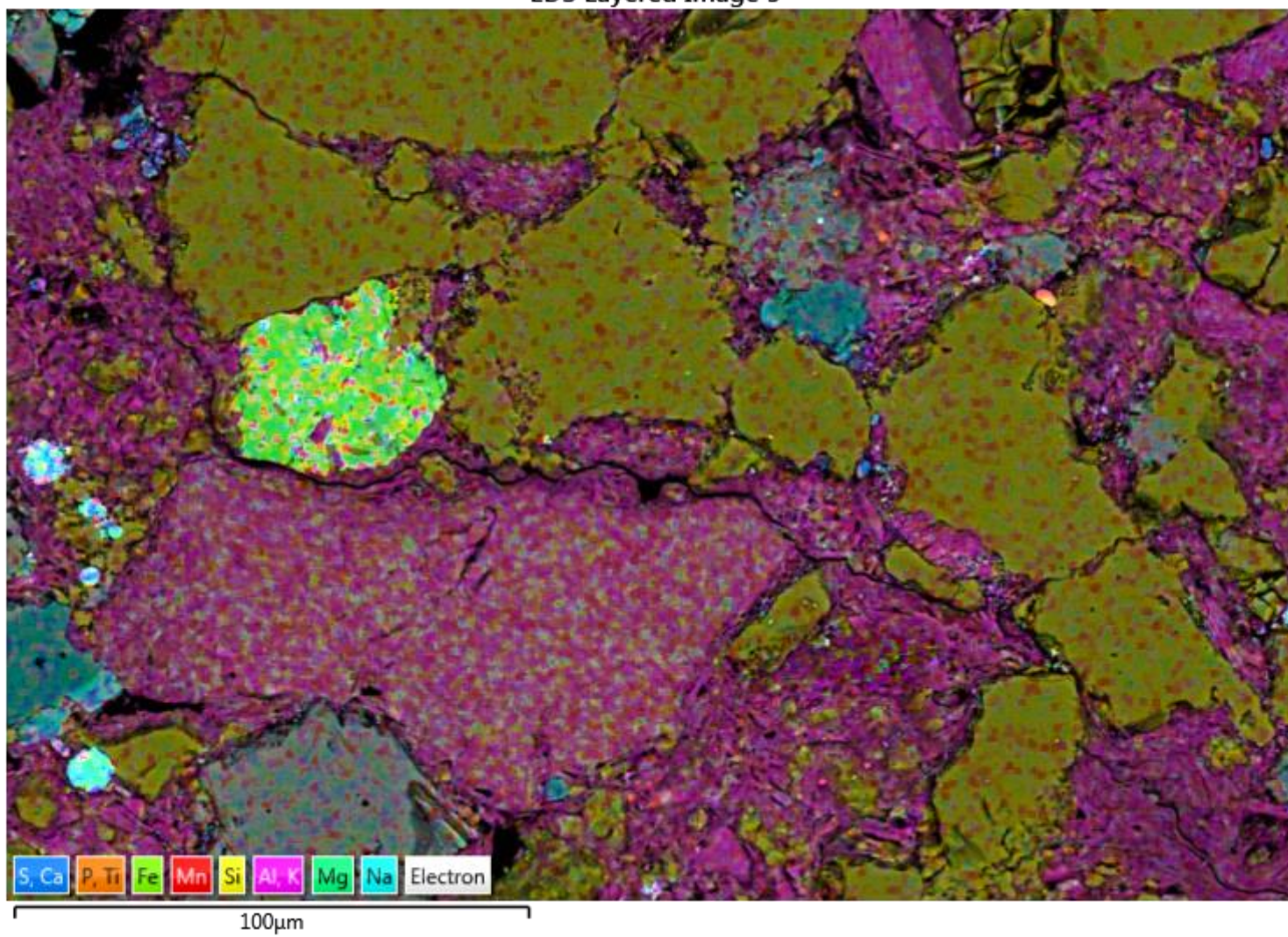


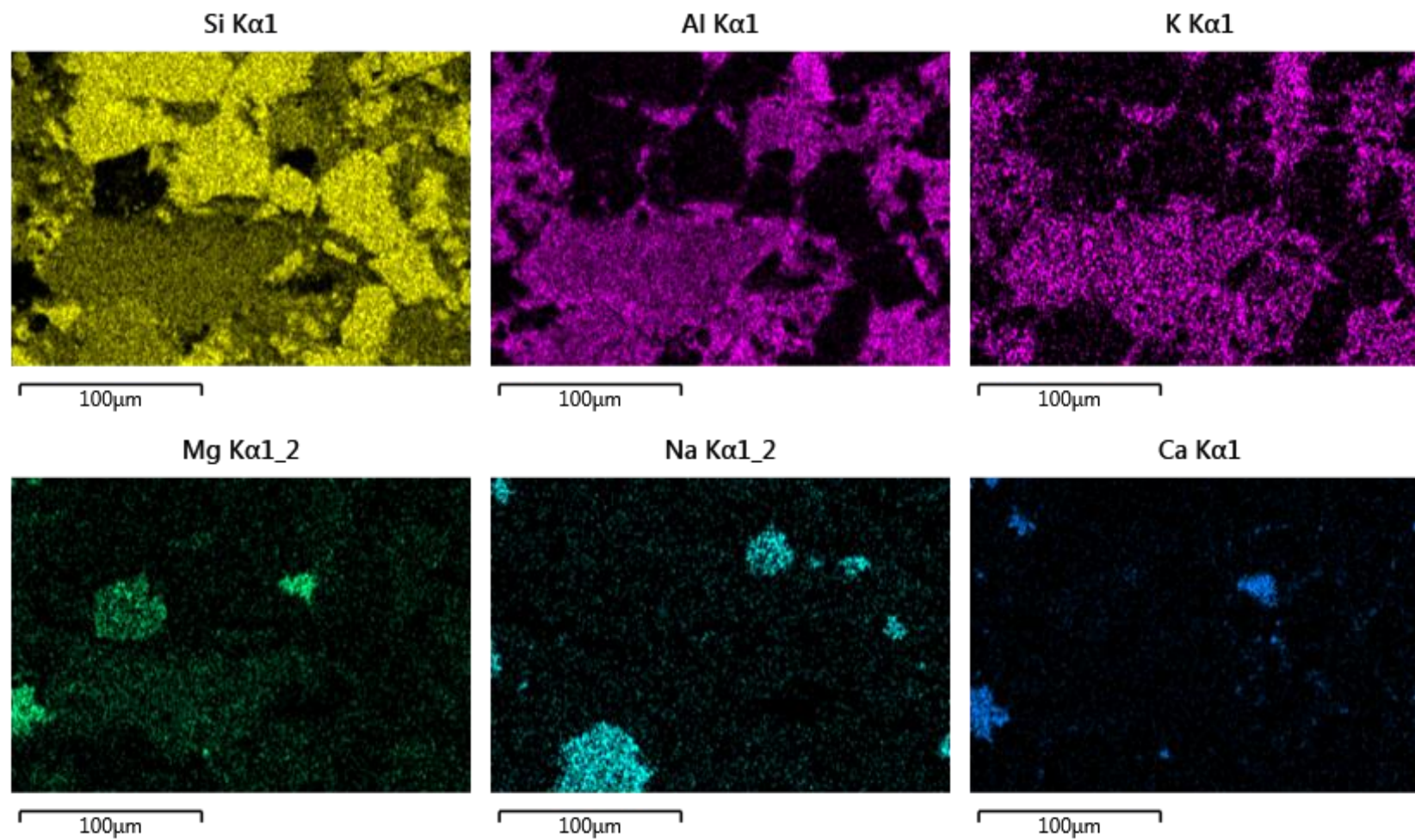
Mn K α 1

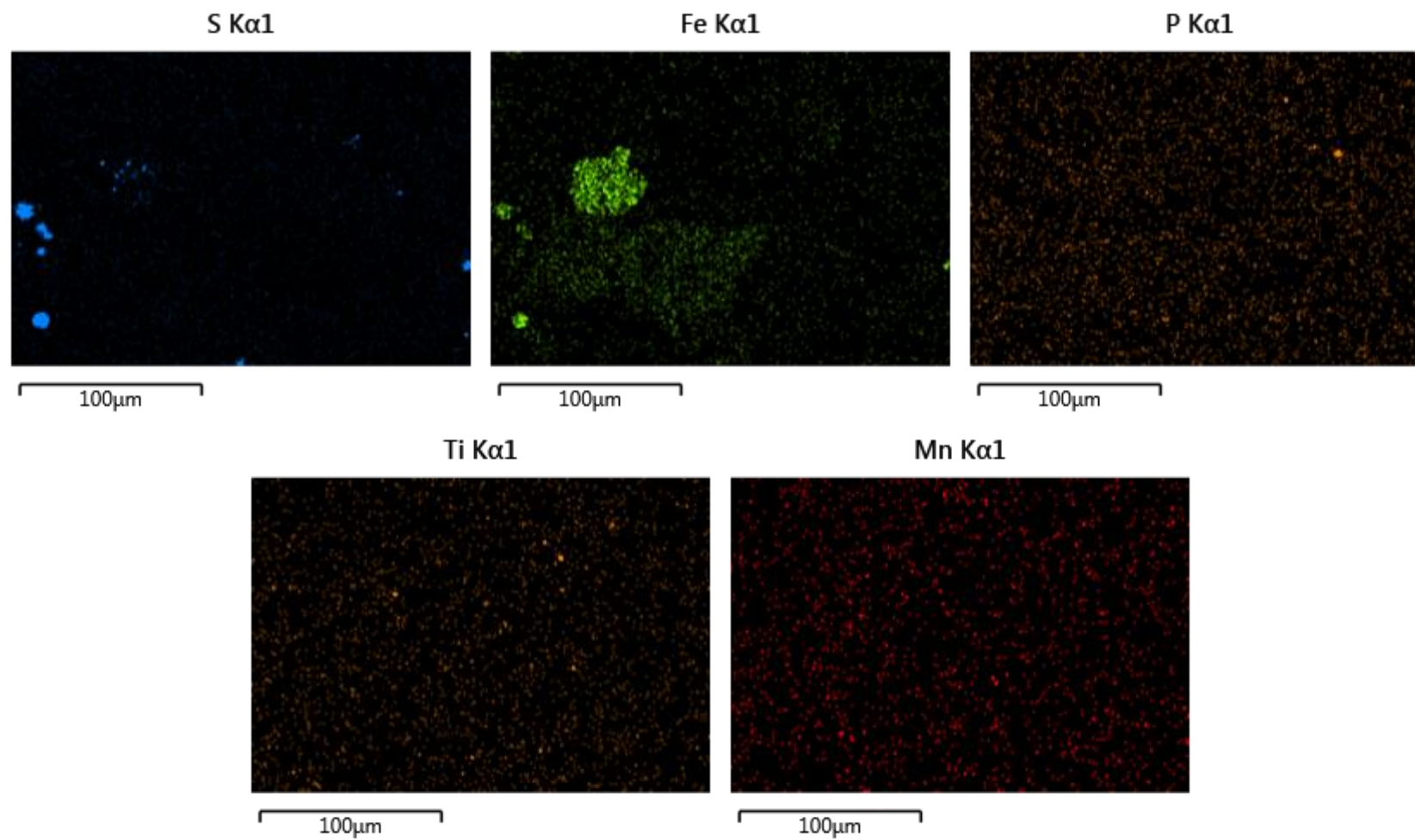


100 μ m

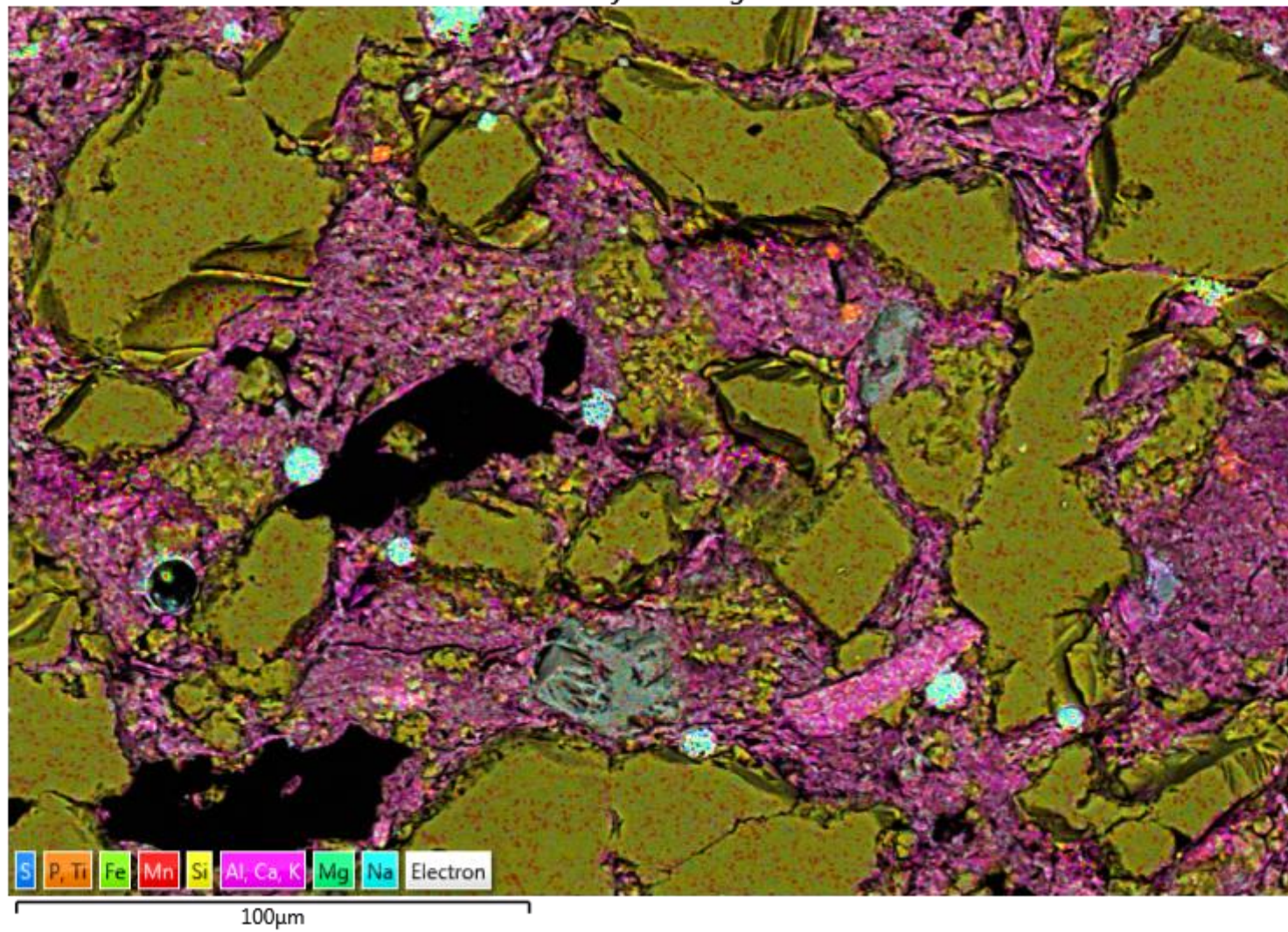
EDS Layered Image 5

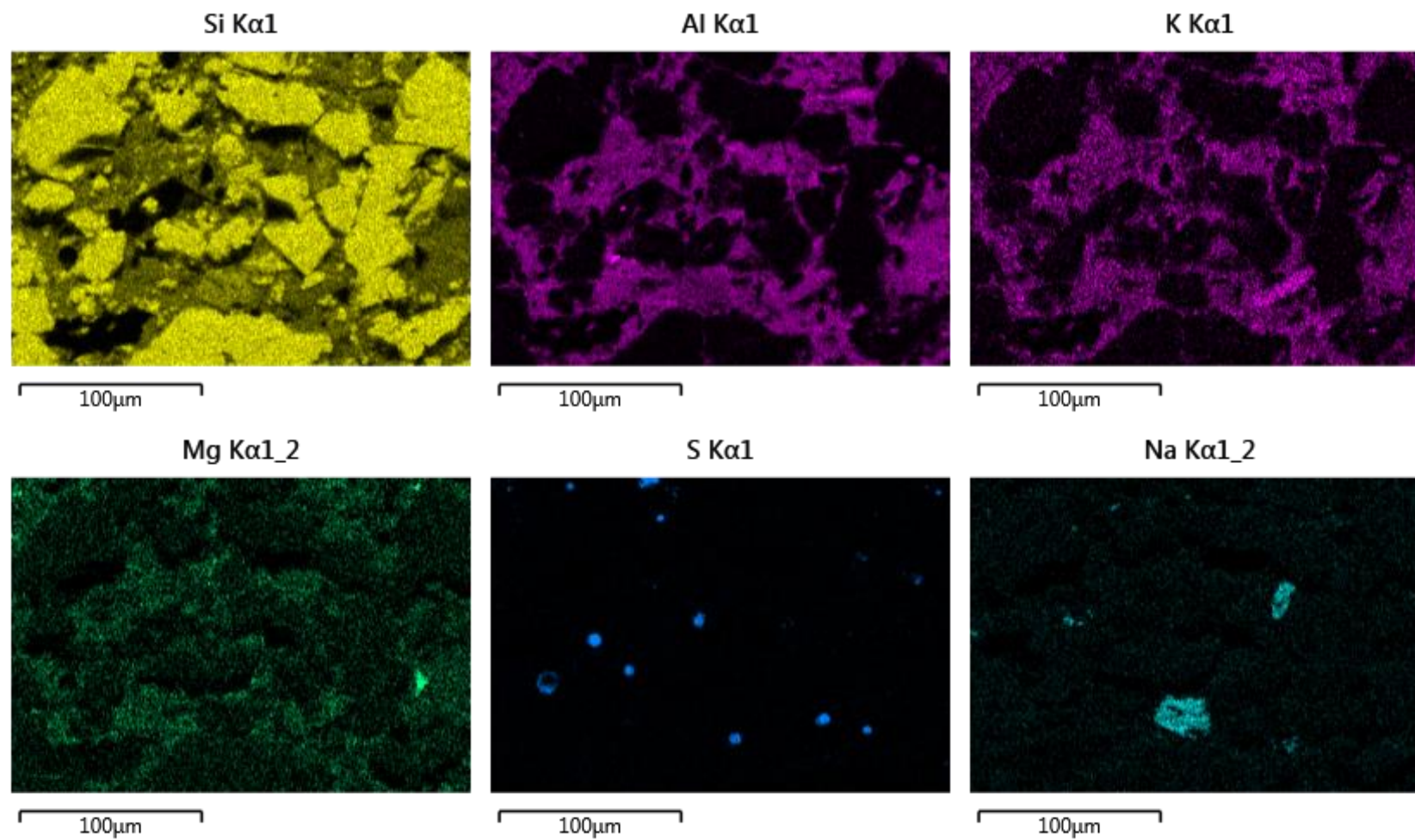


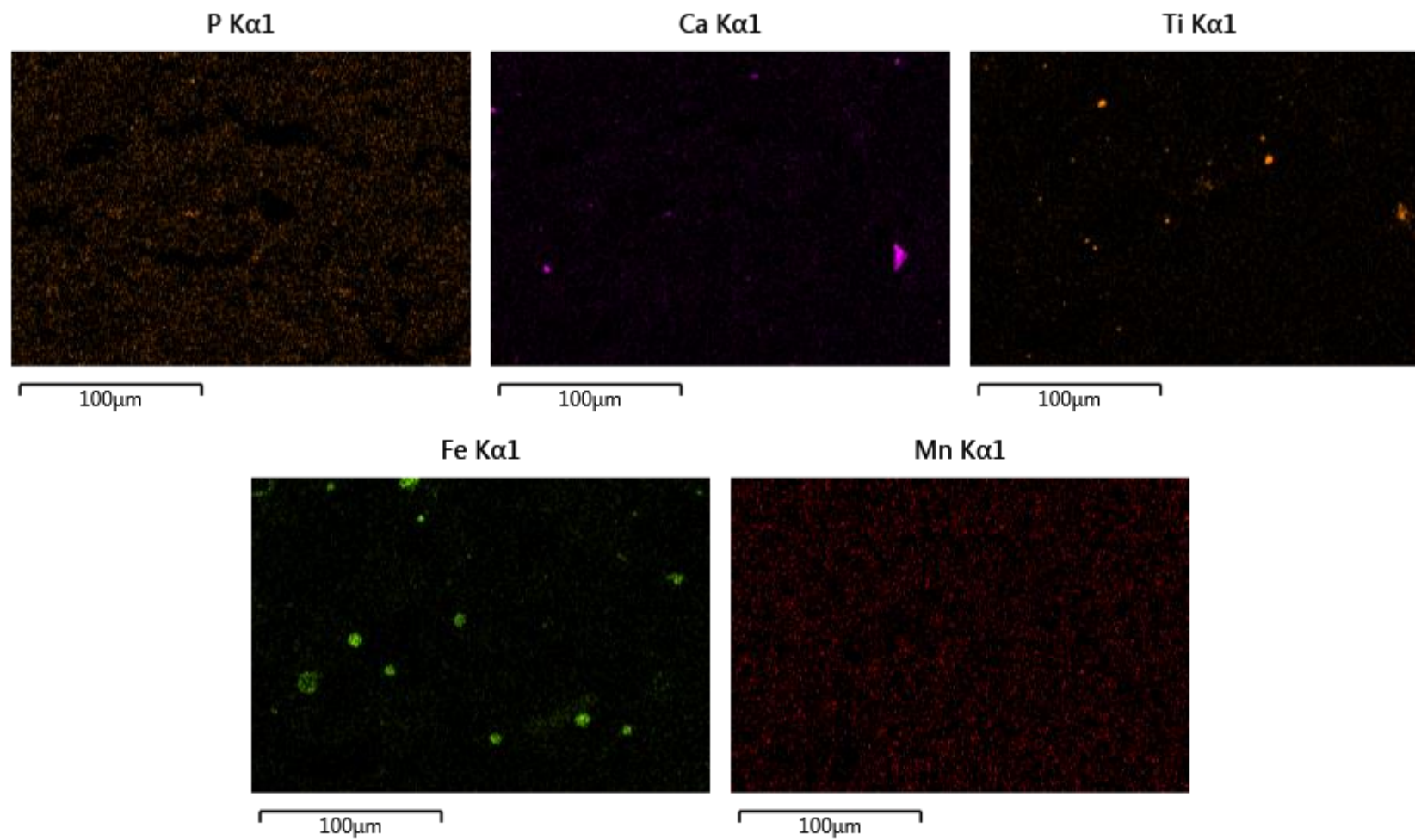




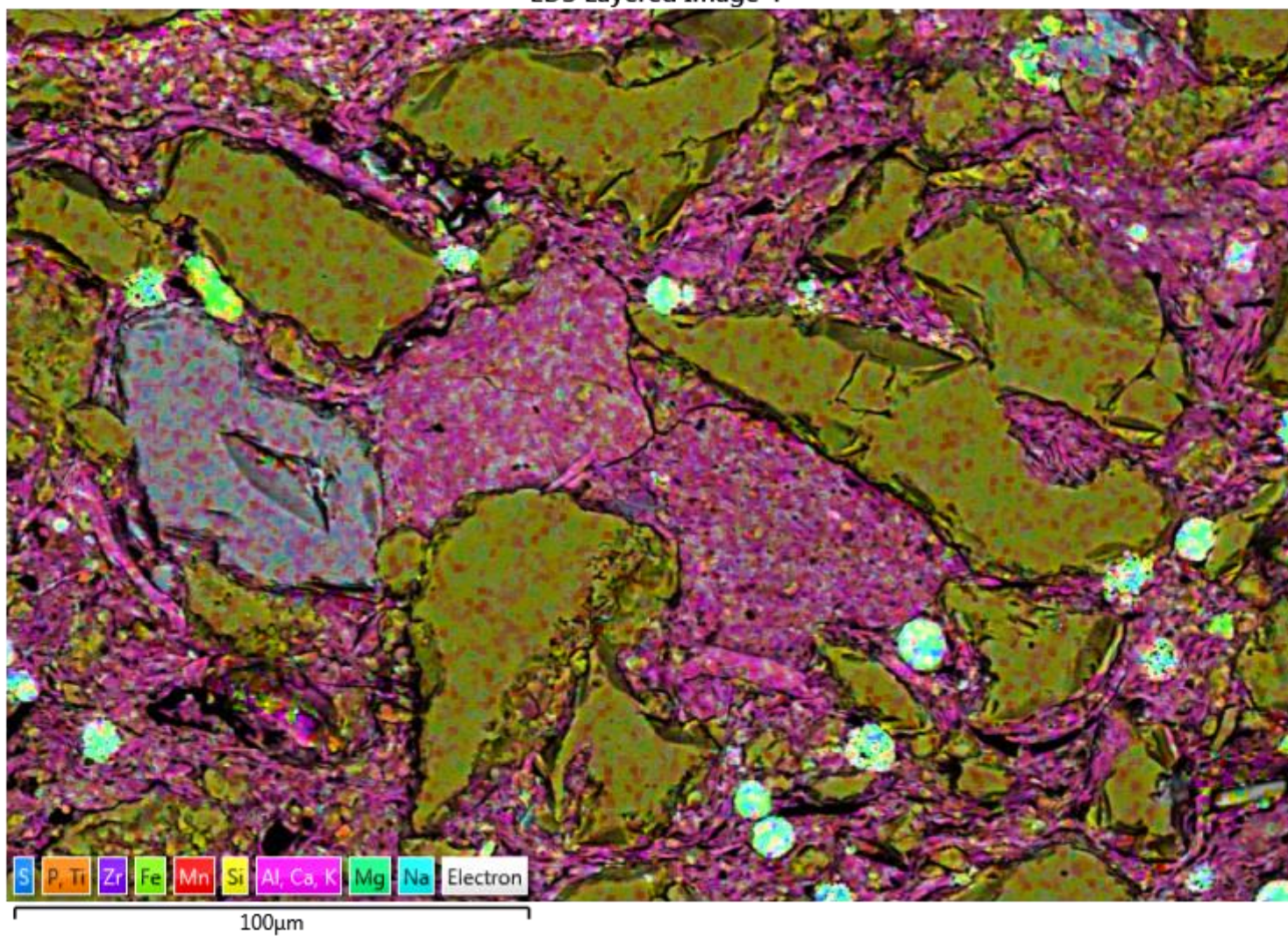
EDS Layered Image 2

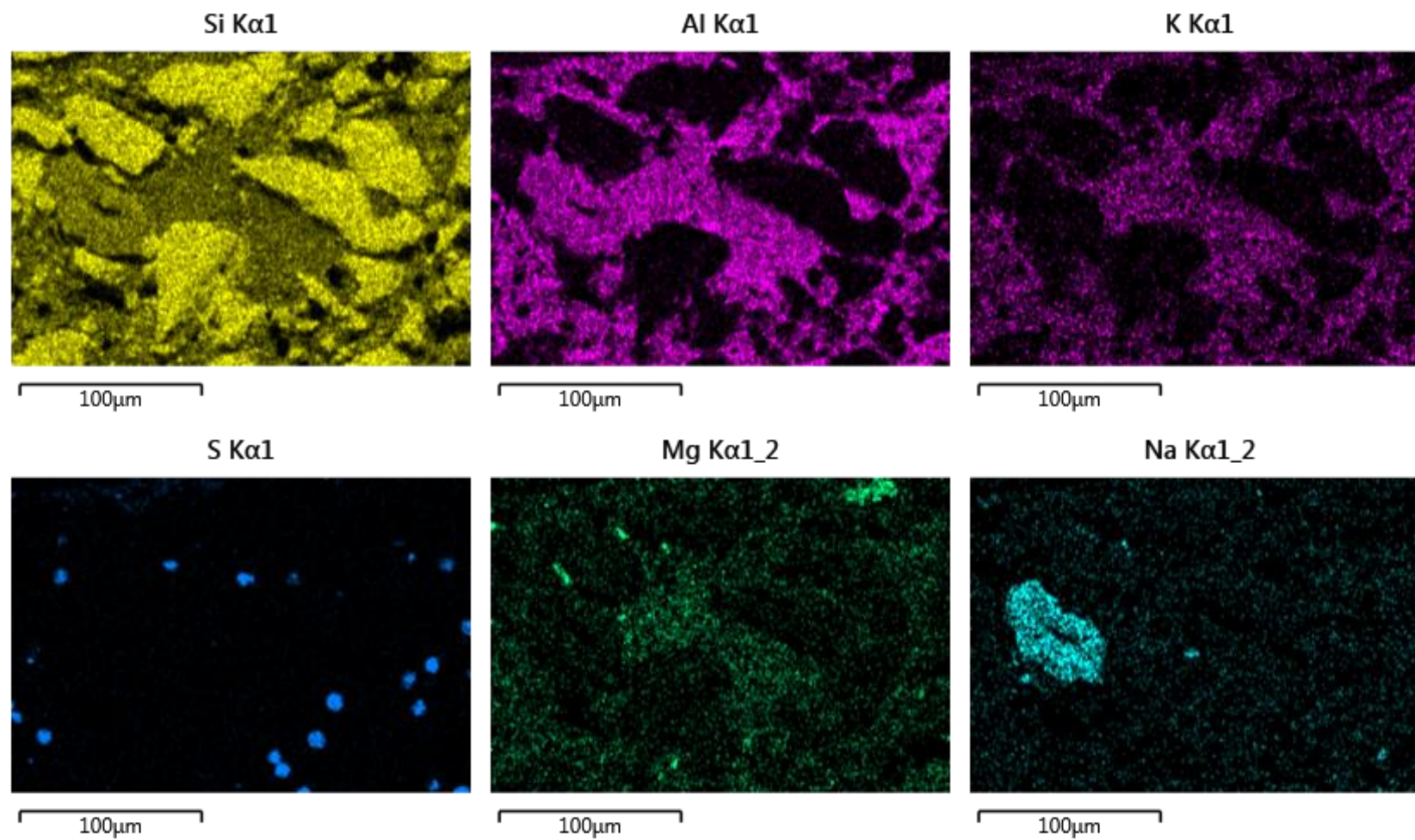


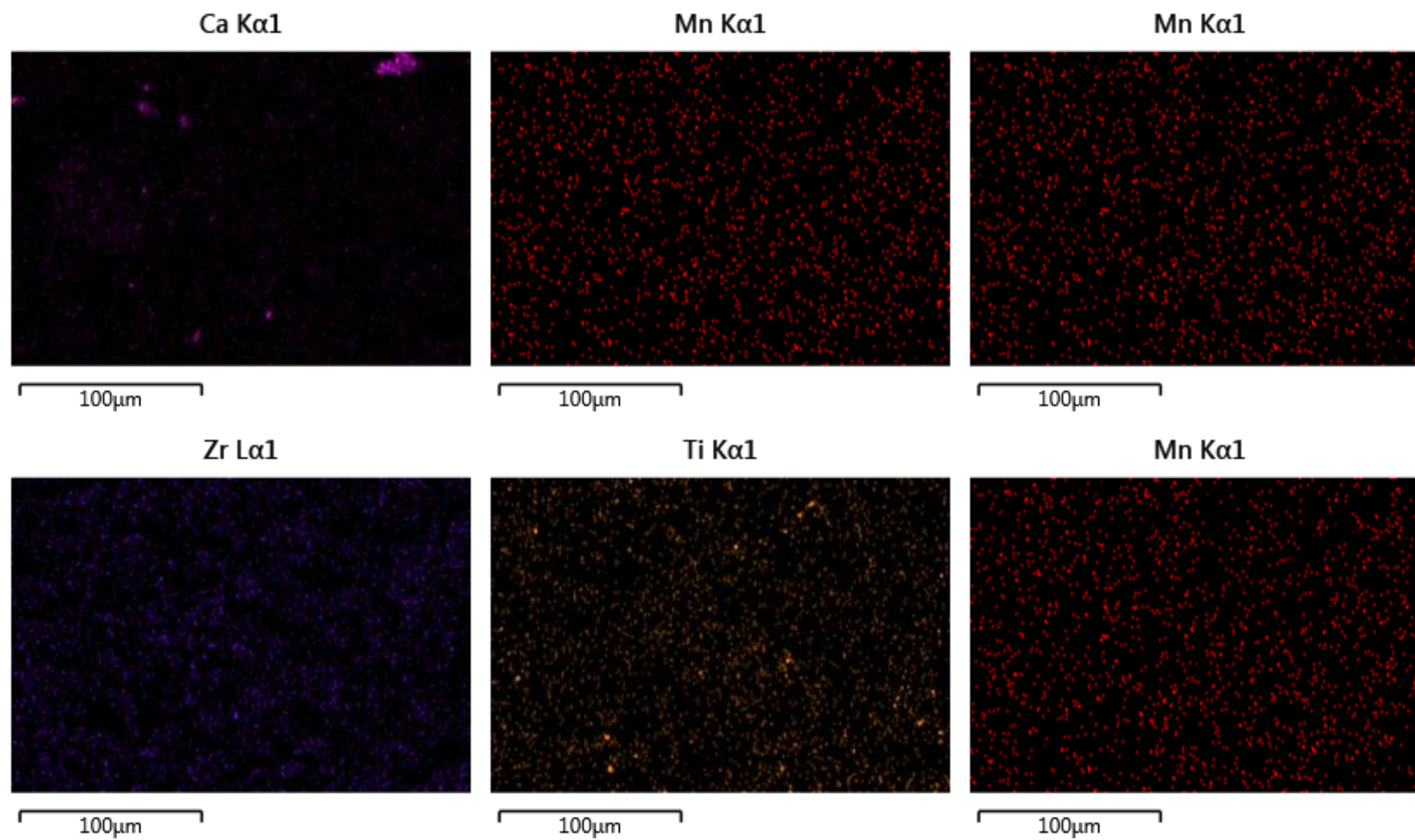




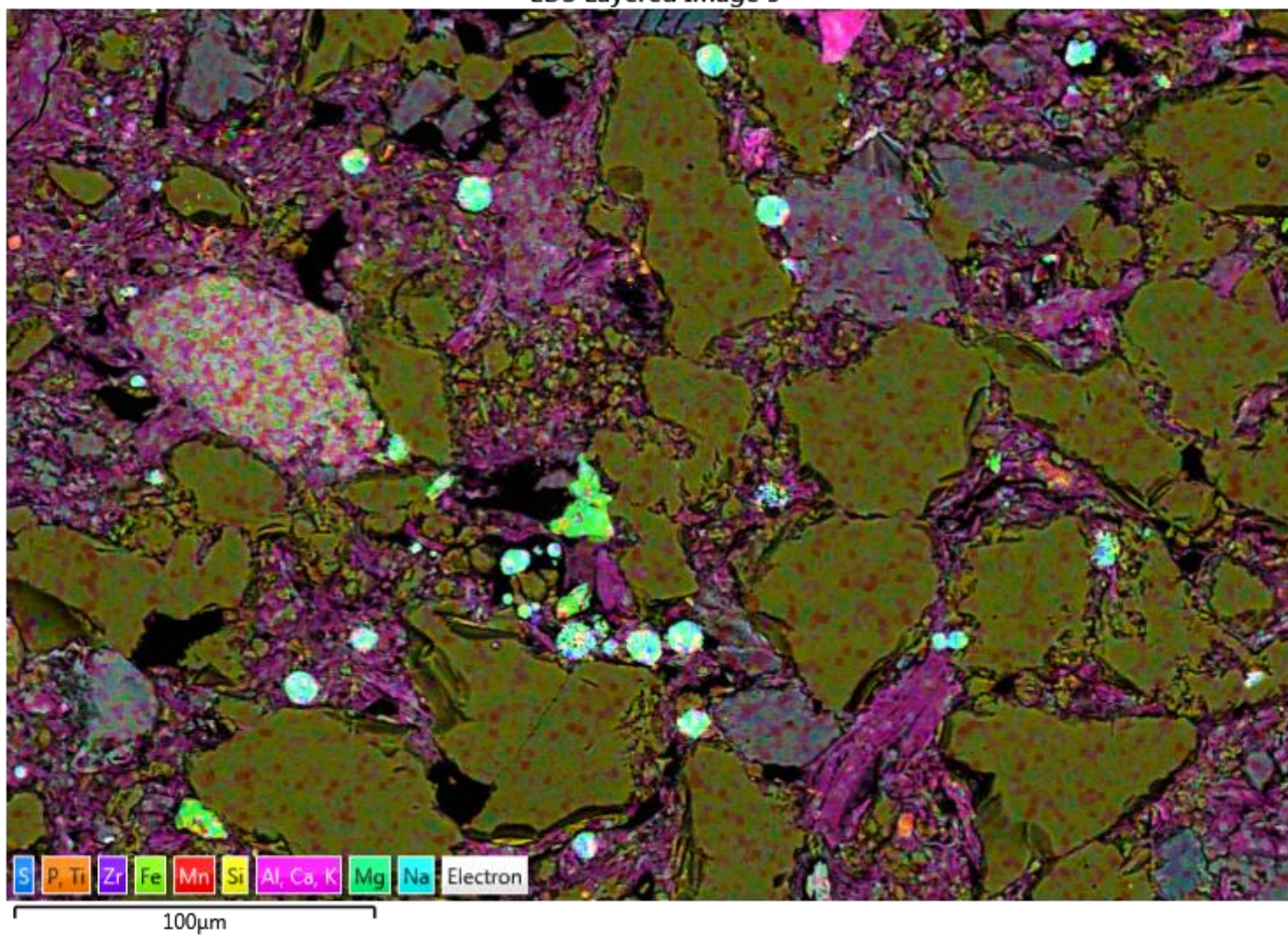
EDS Layered Image 4

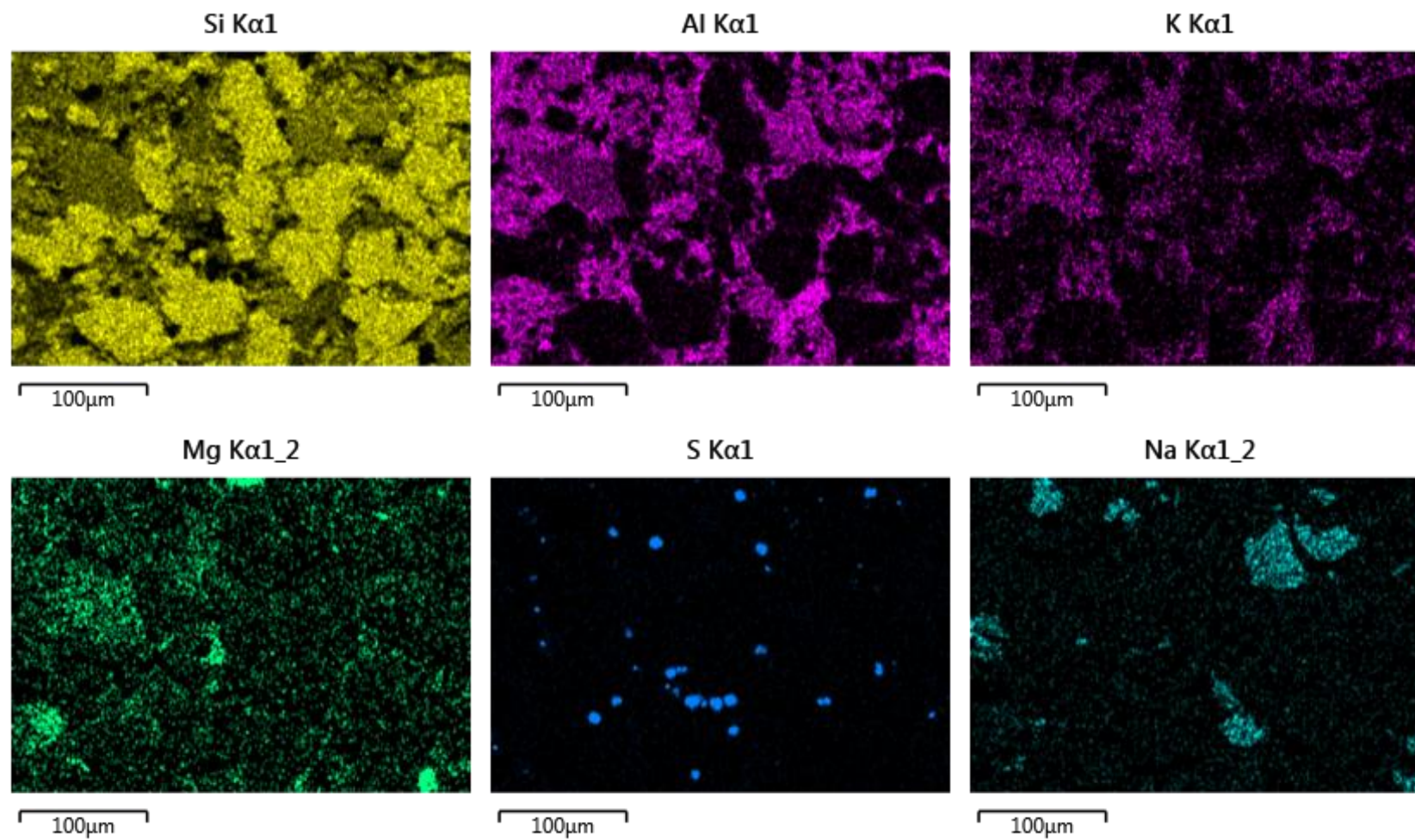


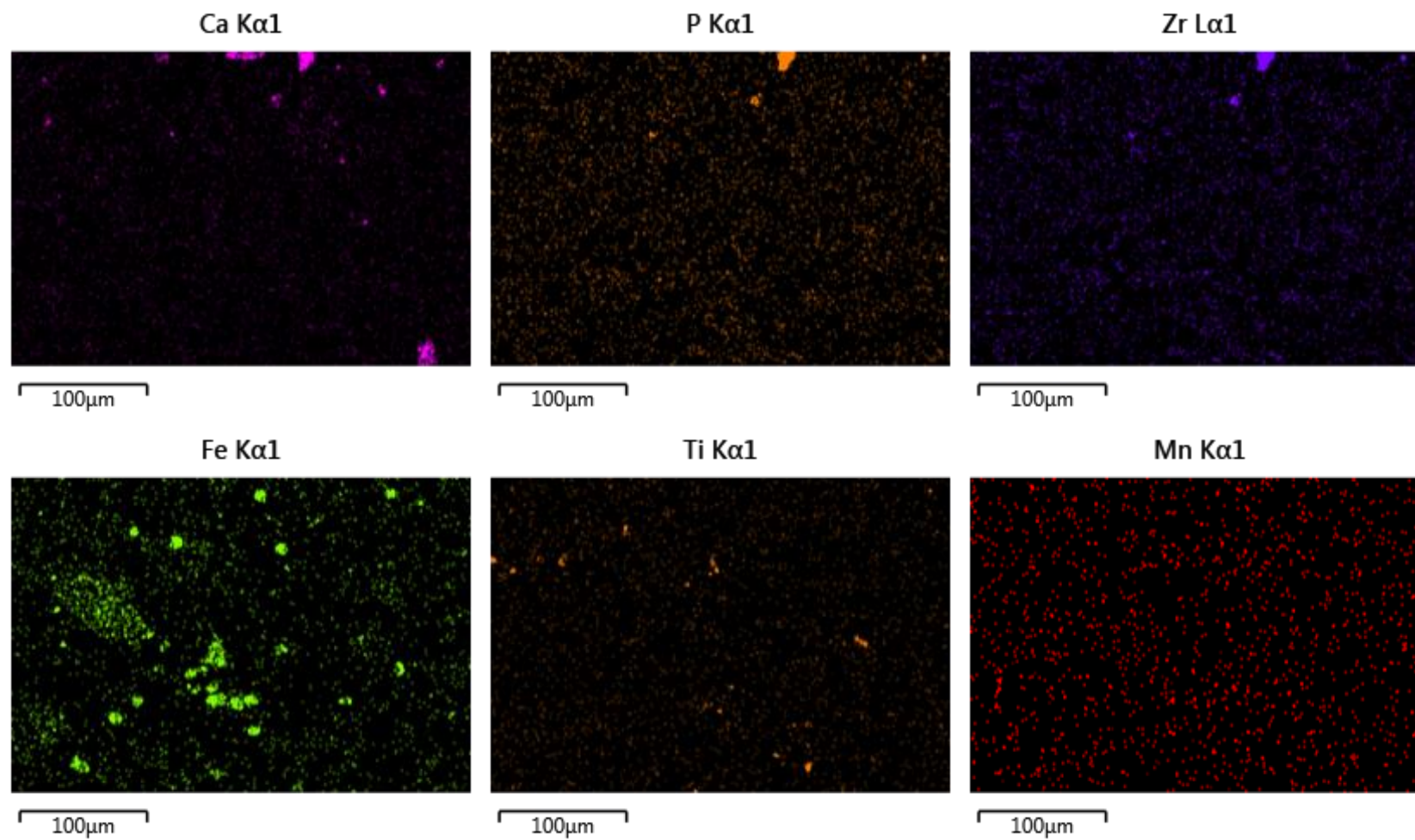




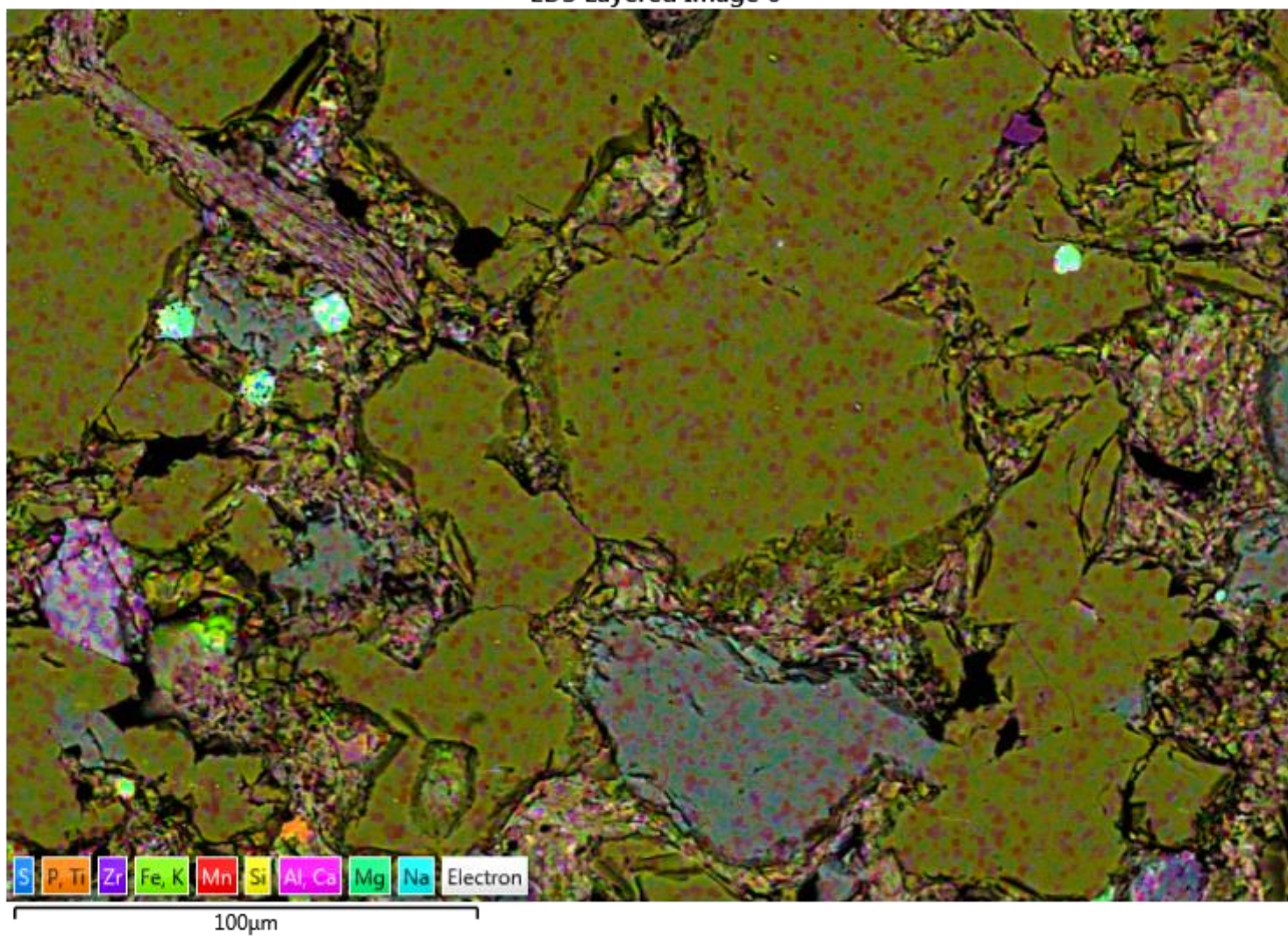
EDS Layered Image 5

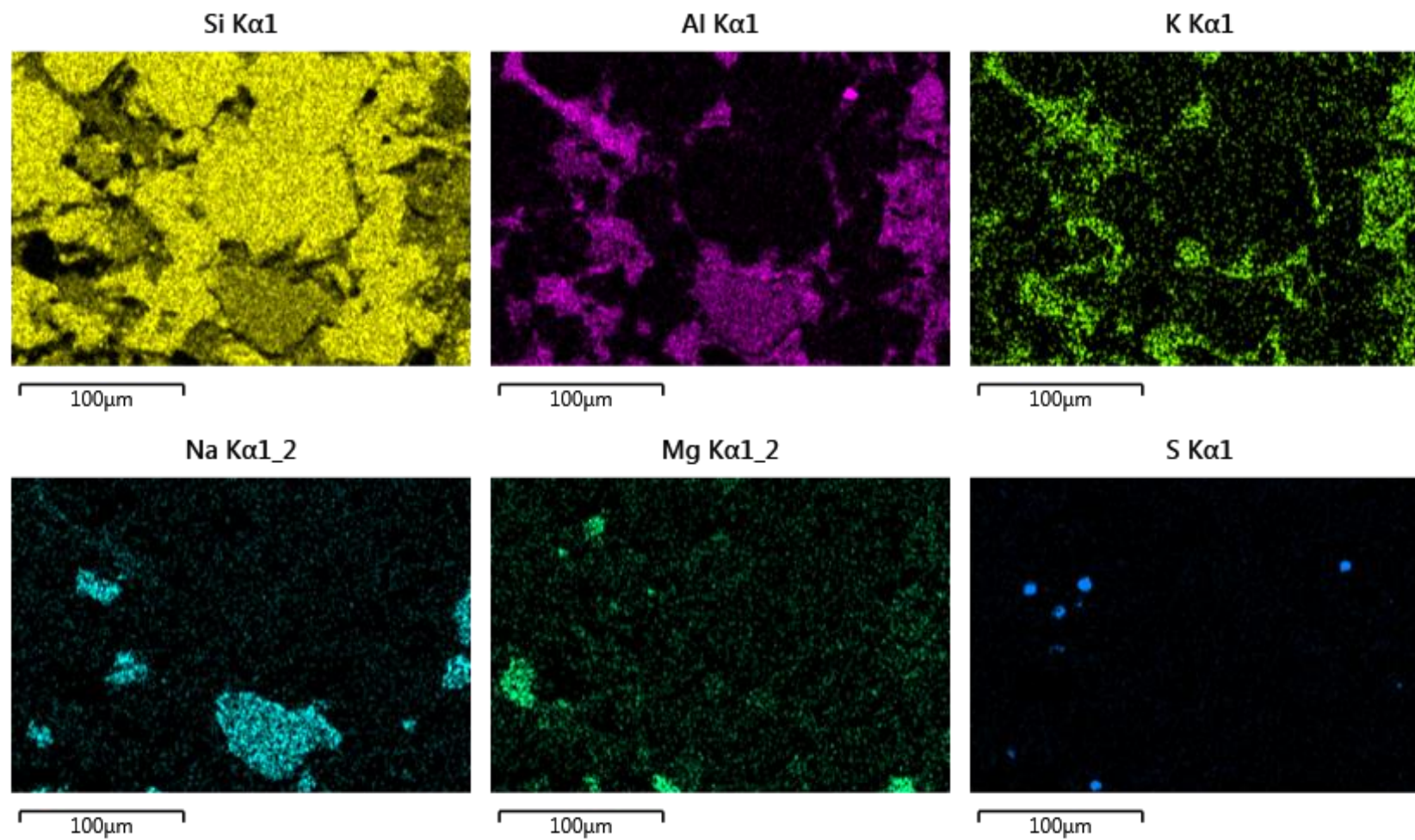


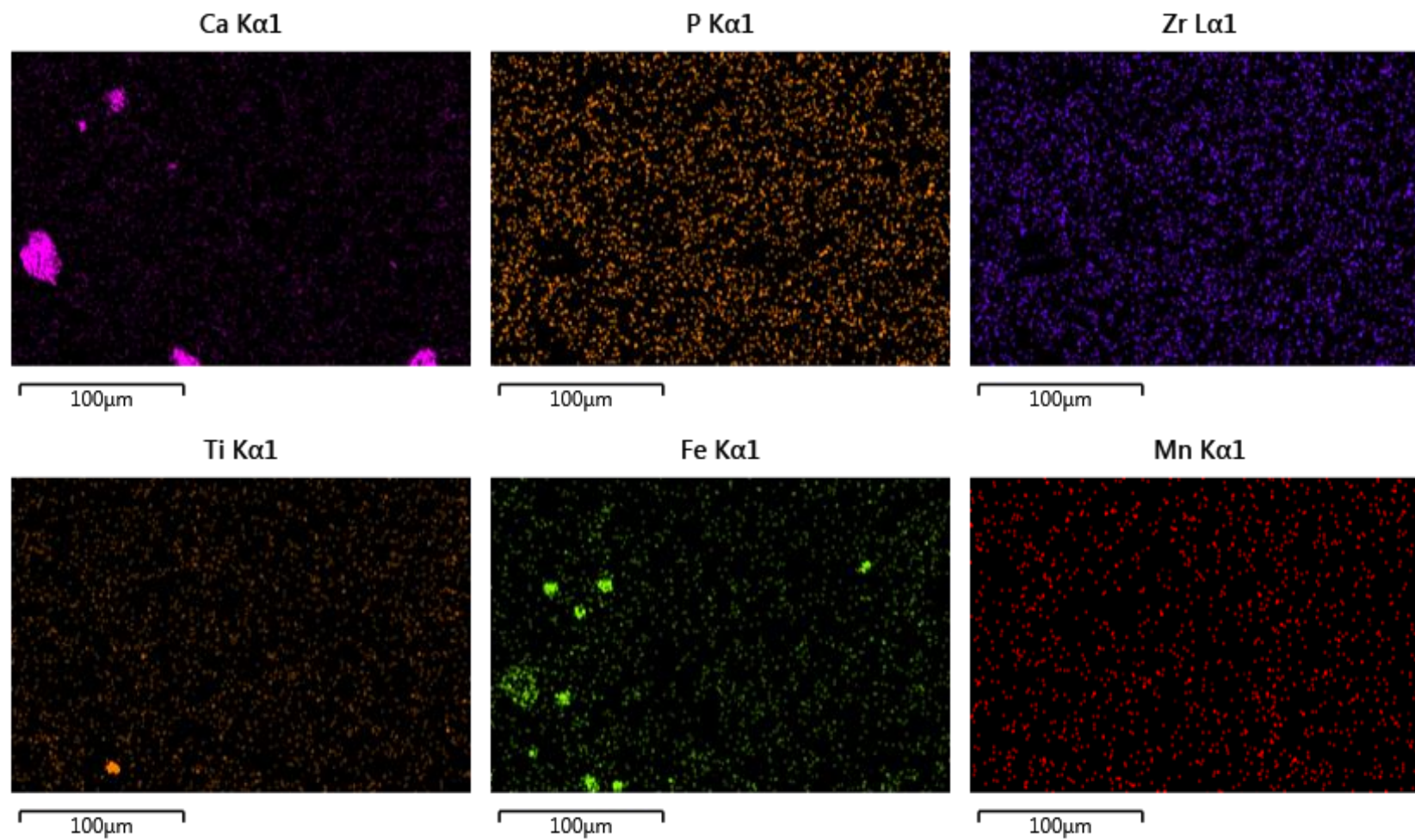




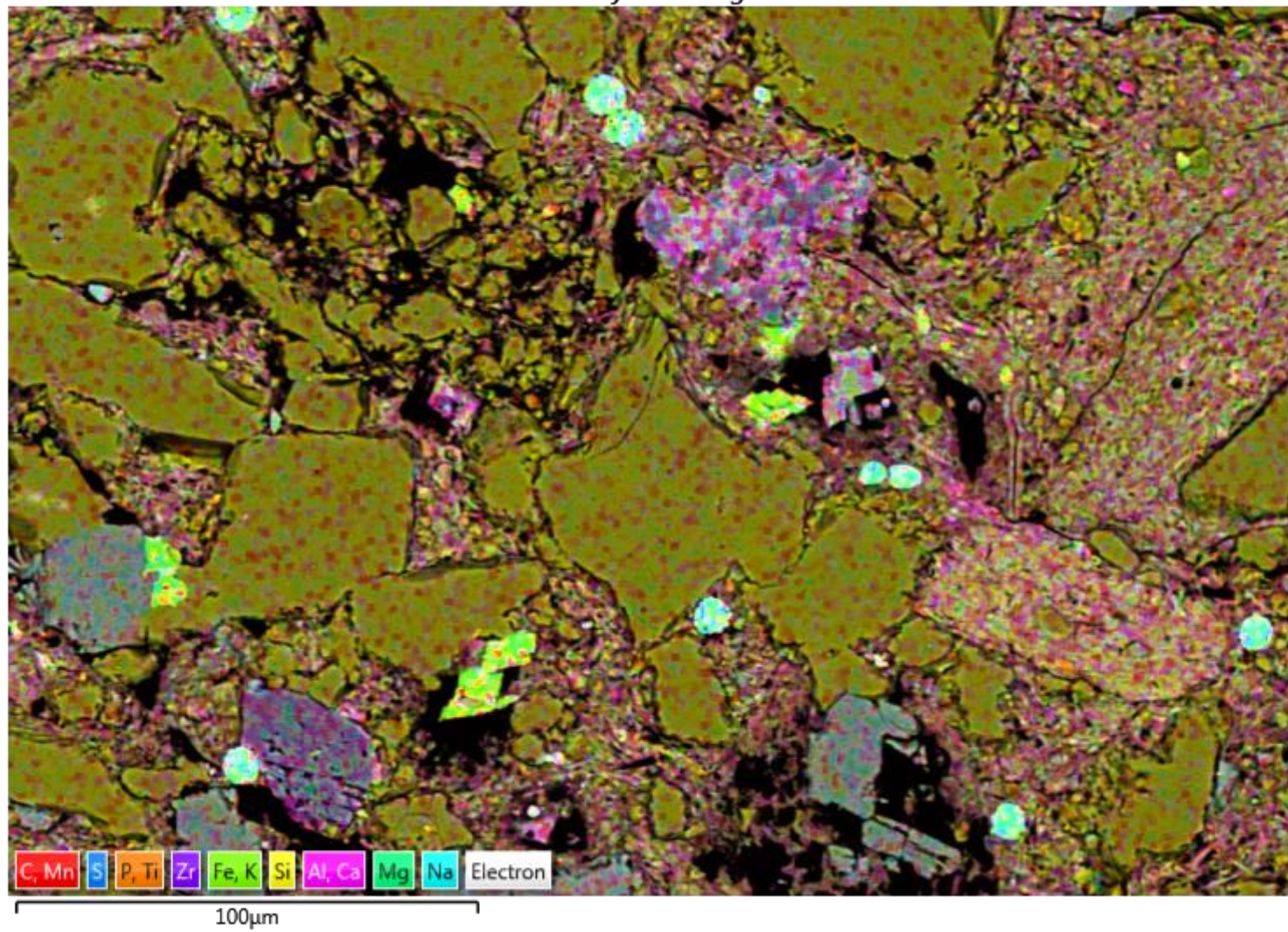
EDS Layered Image 6

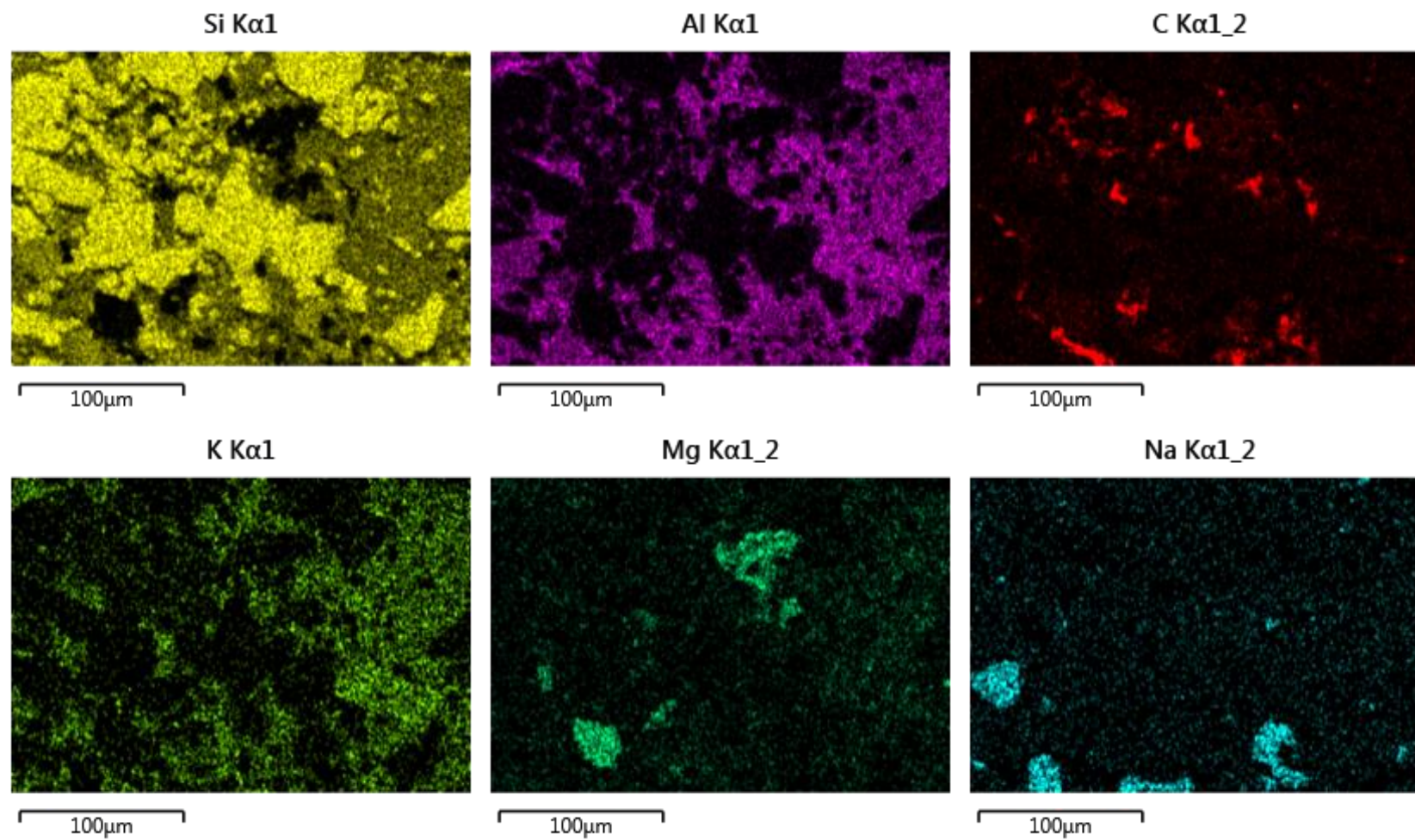


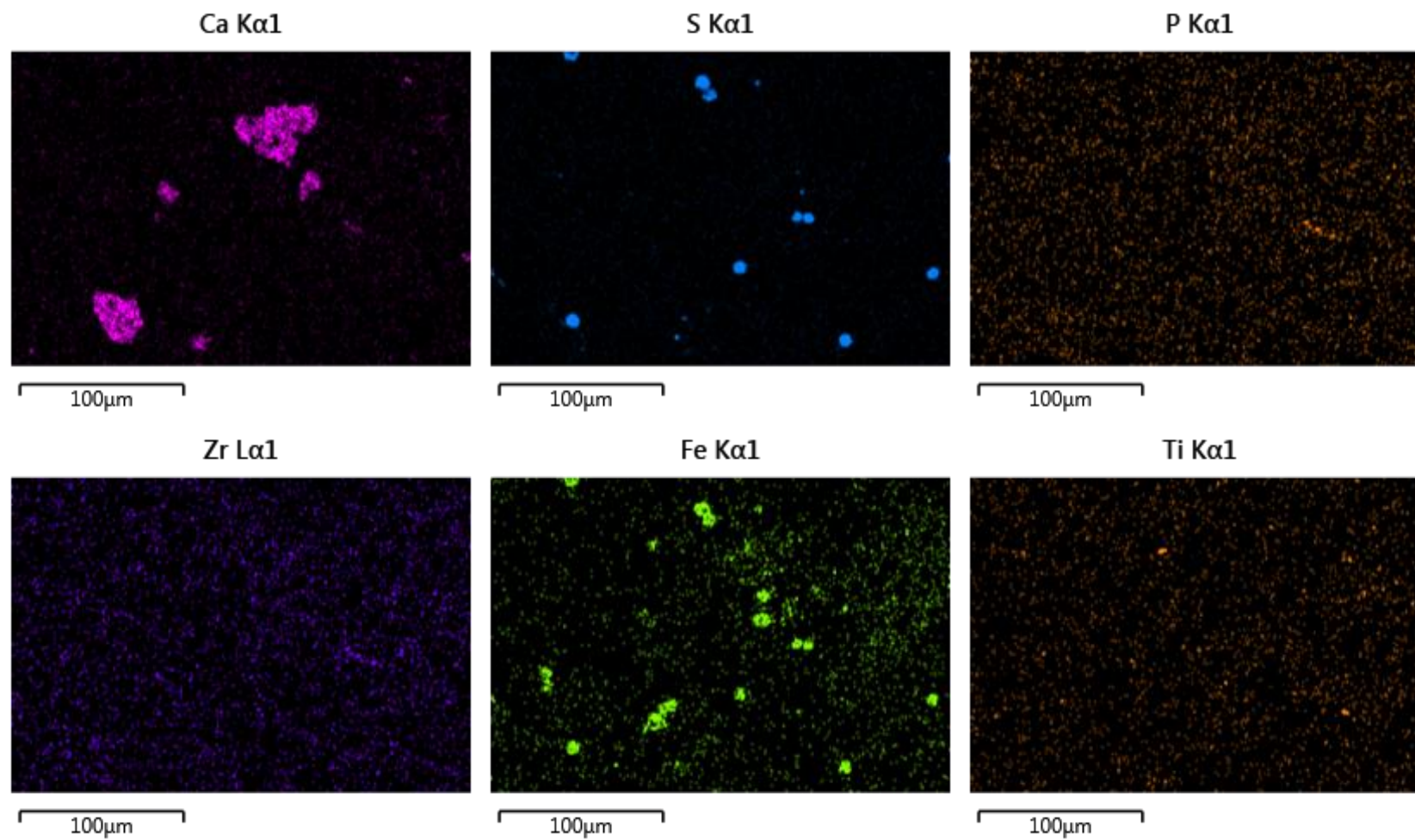




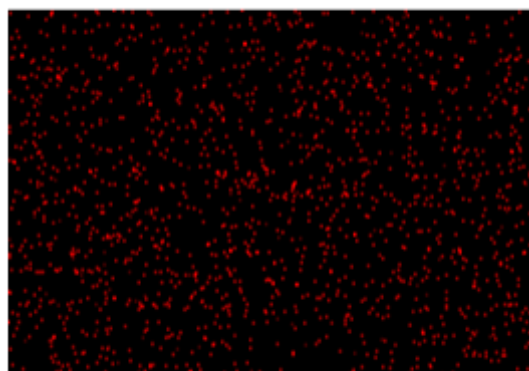
EDS Layered Image 7





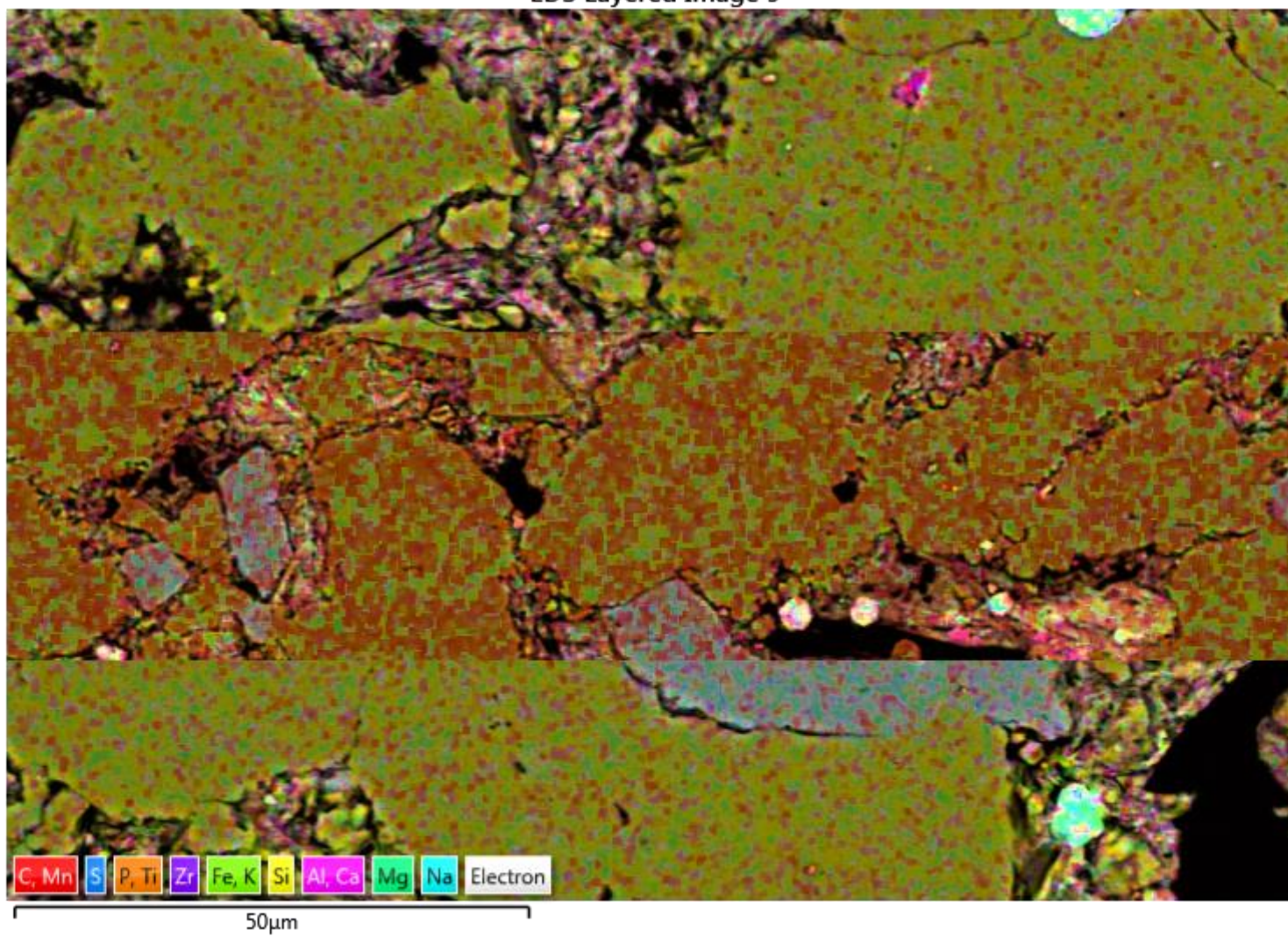


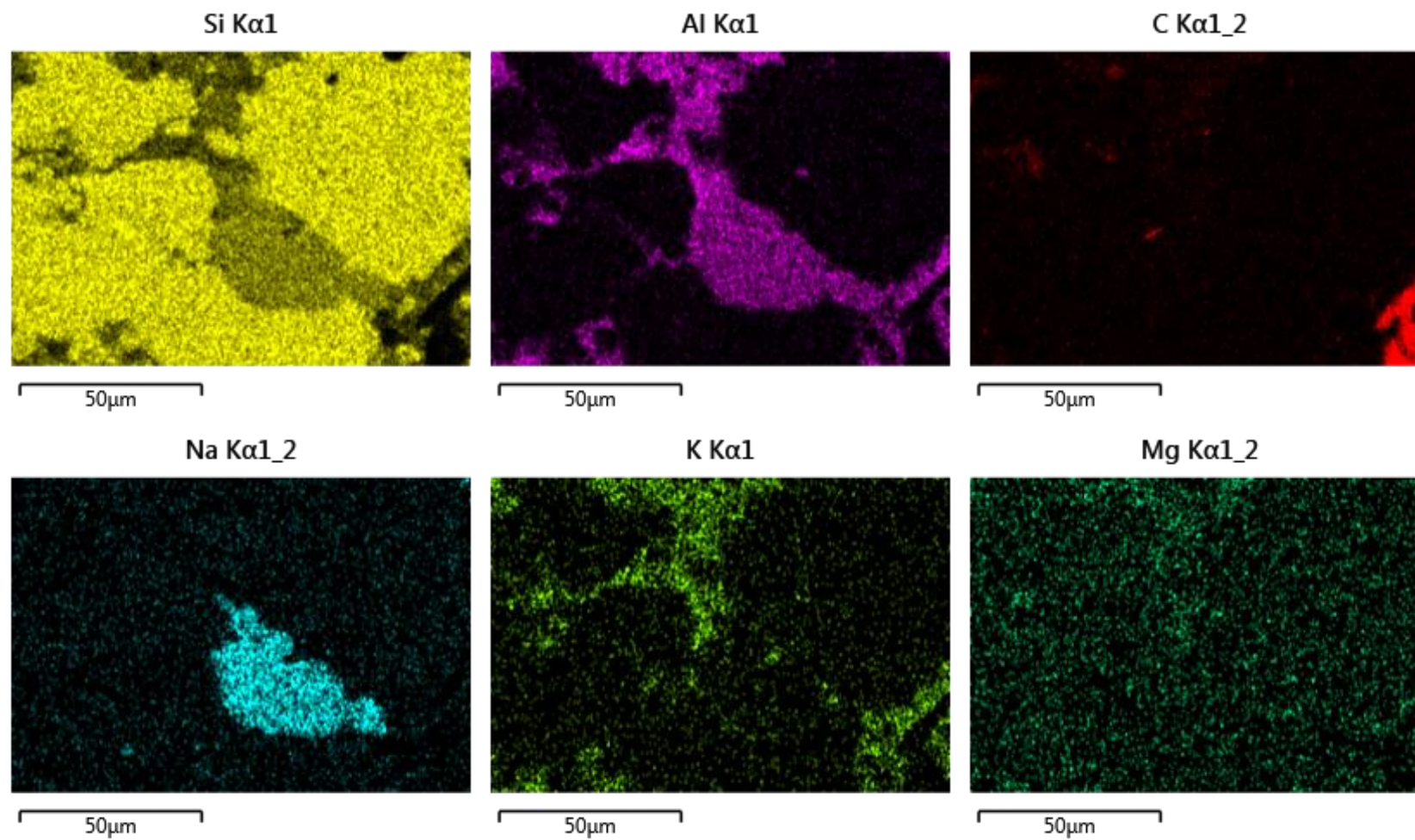
Mn K α 1

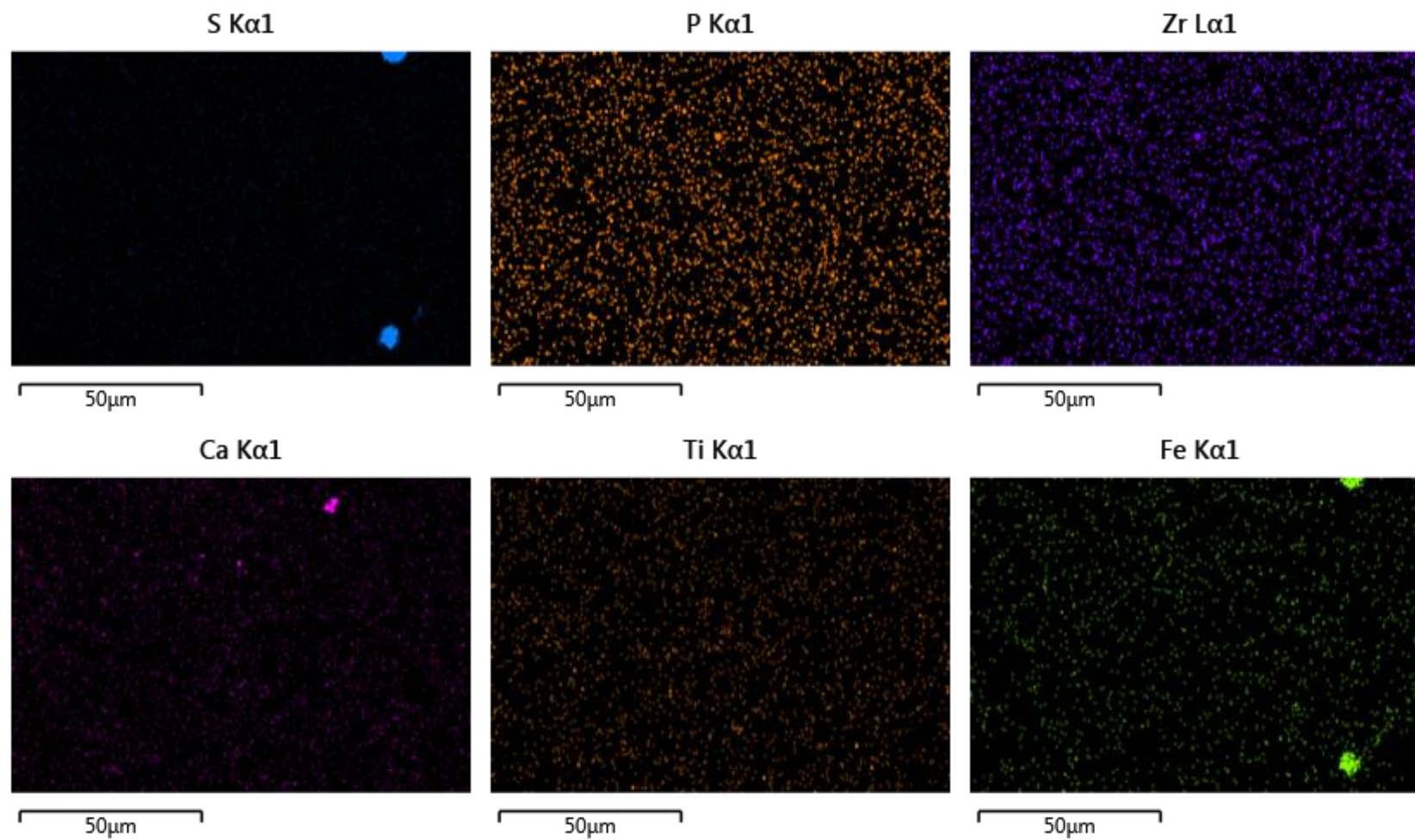


100 μ m

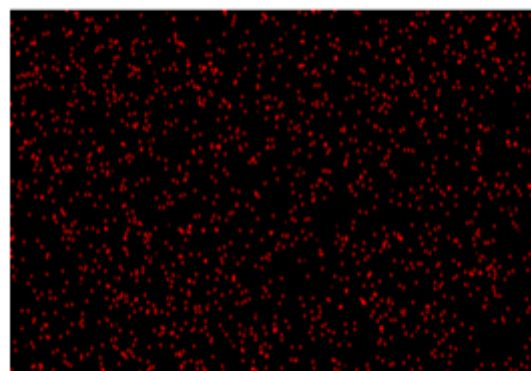
EDS Layered Image 9





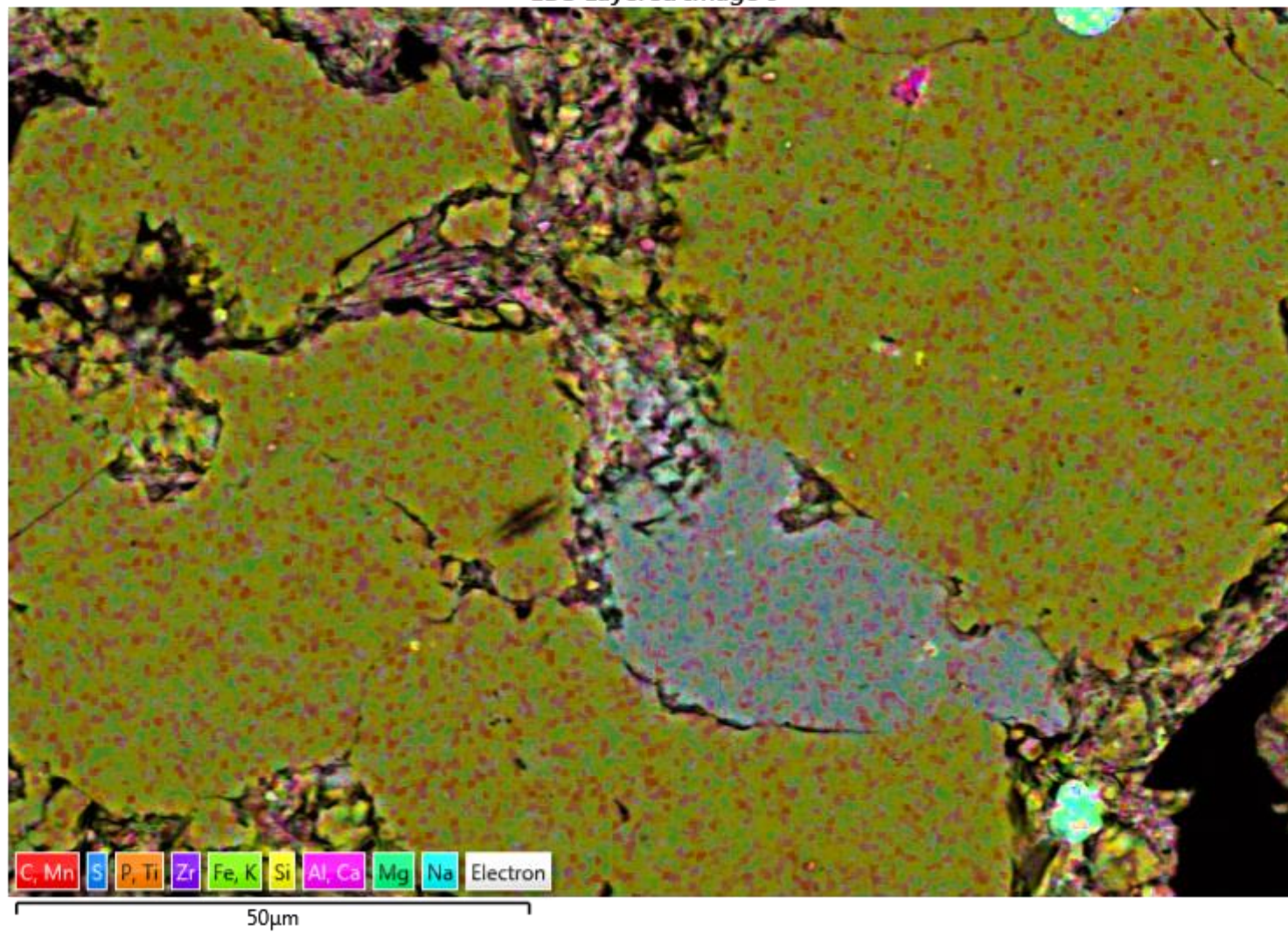


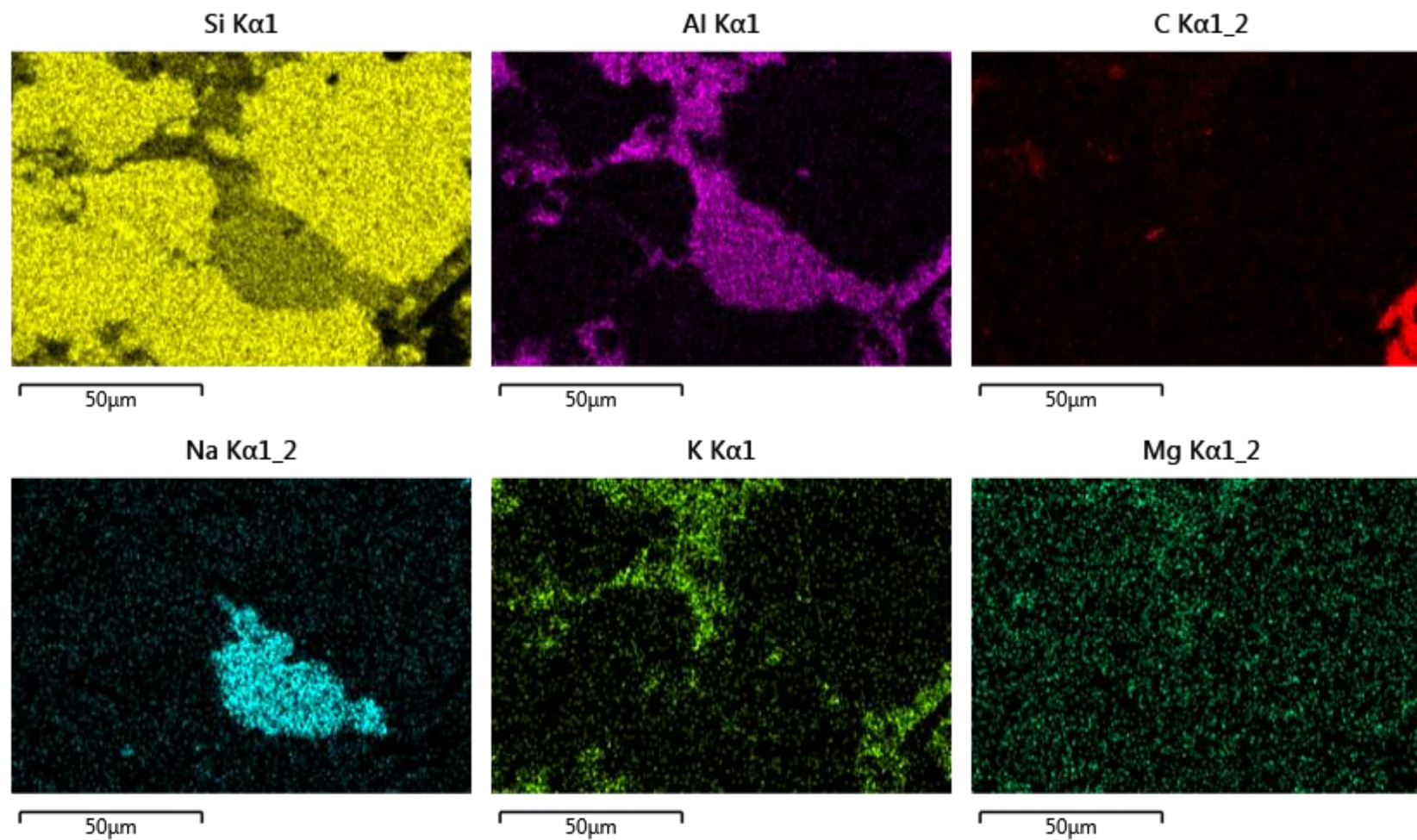
Mn K α 1

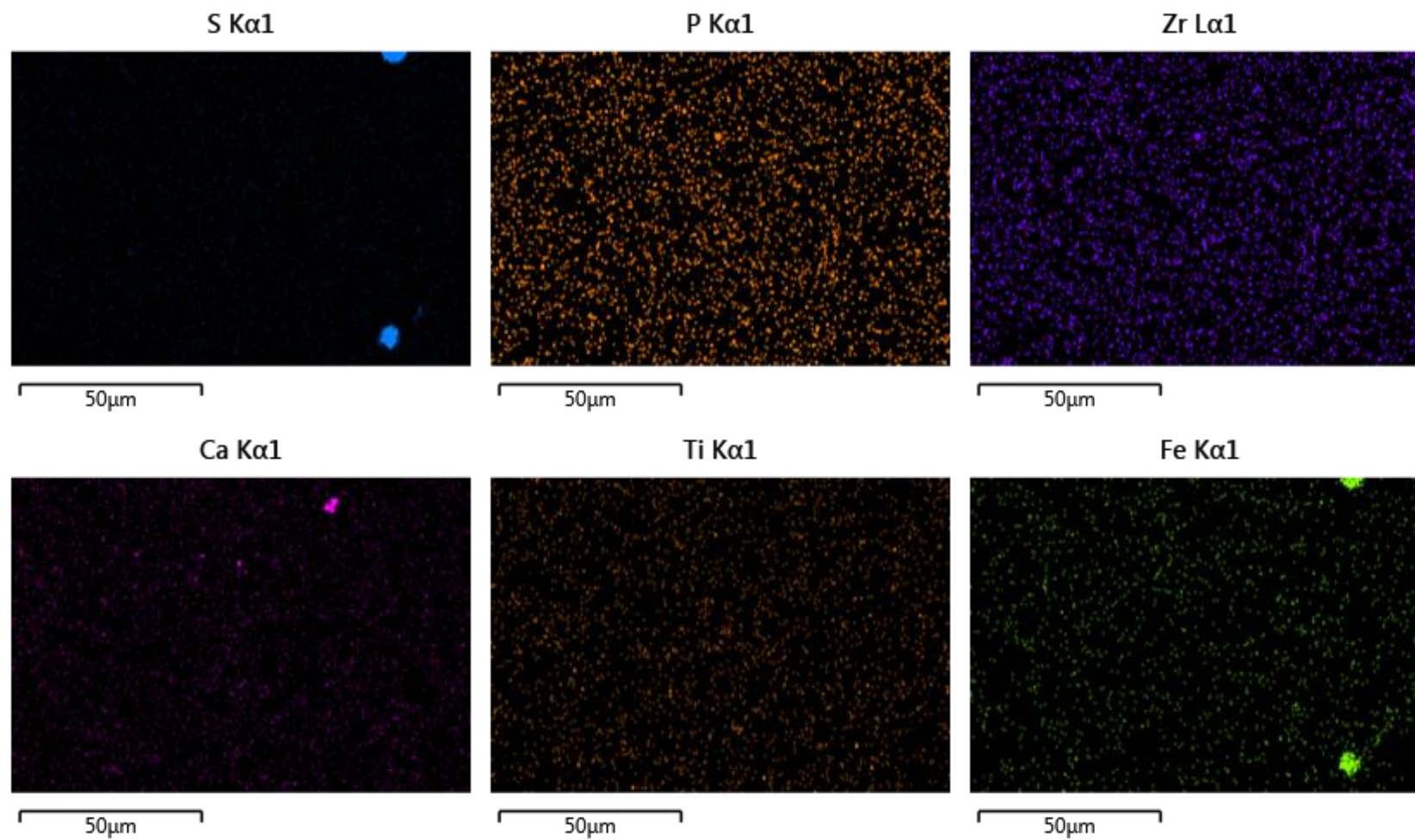


50 μ m

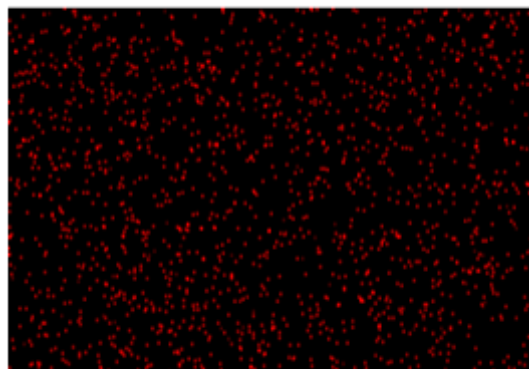
EDS Layered Image 9





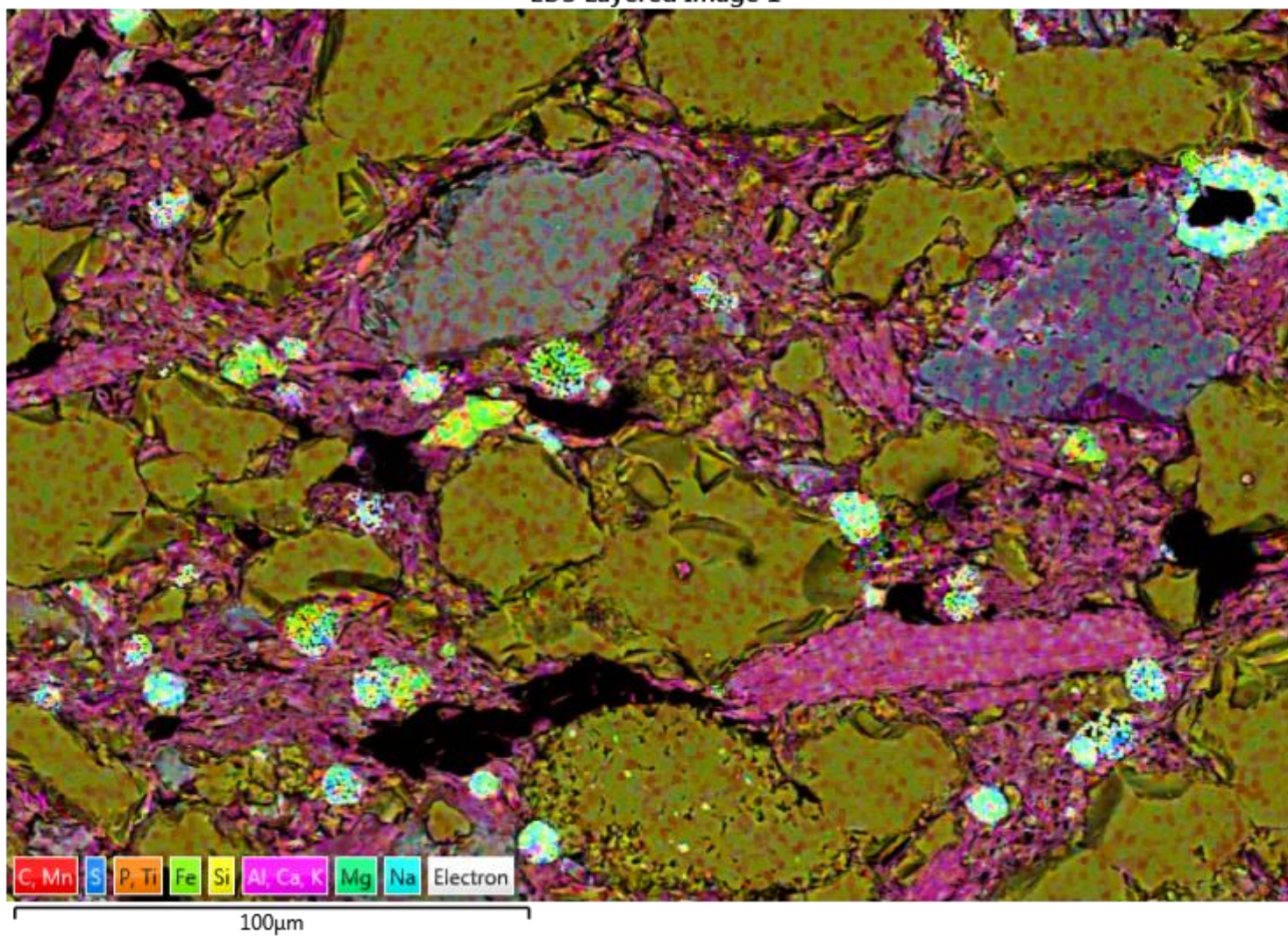


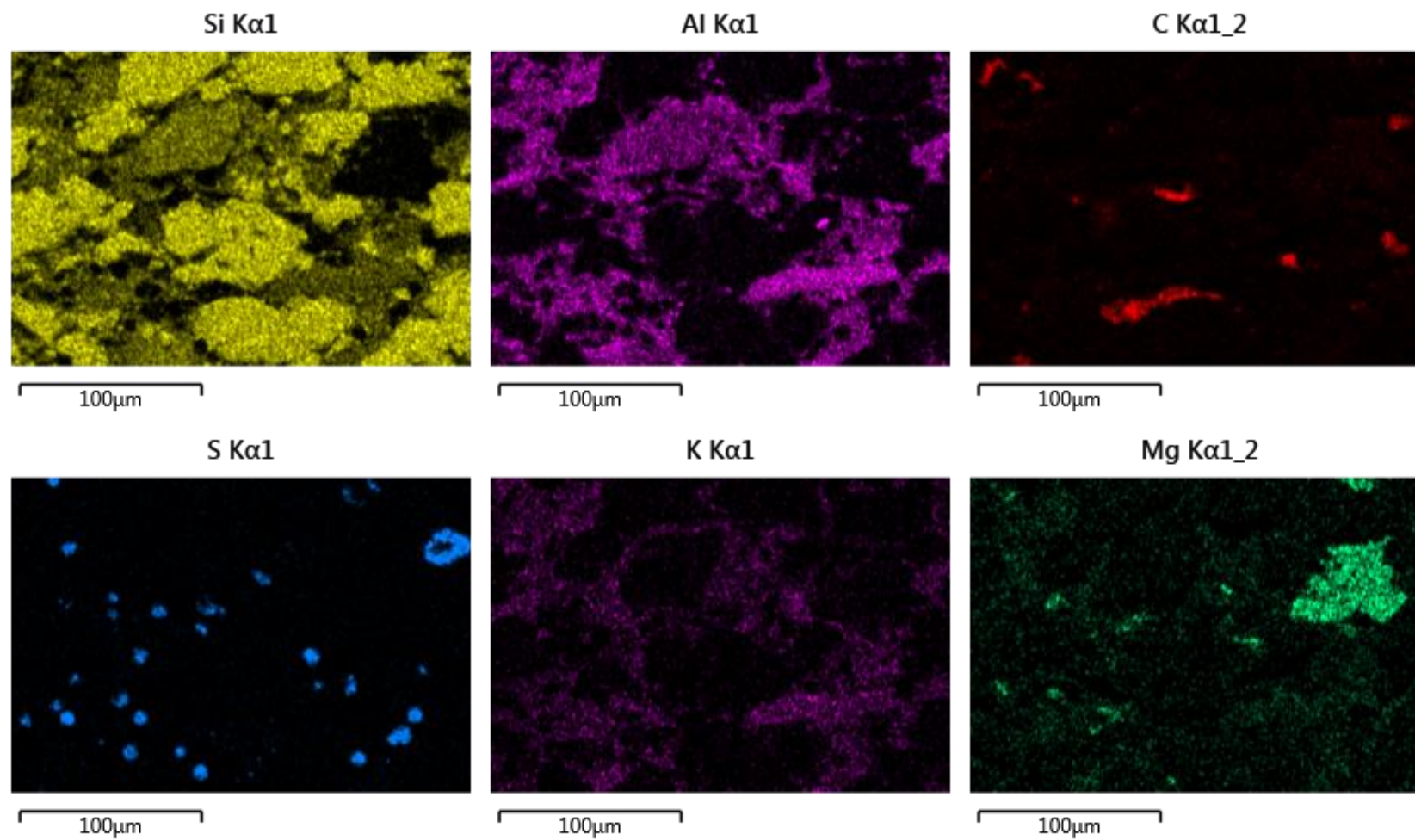
Mn K α 1

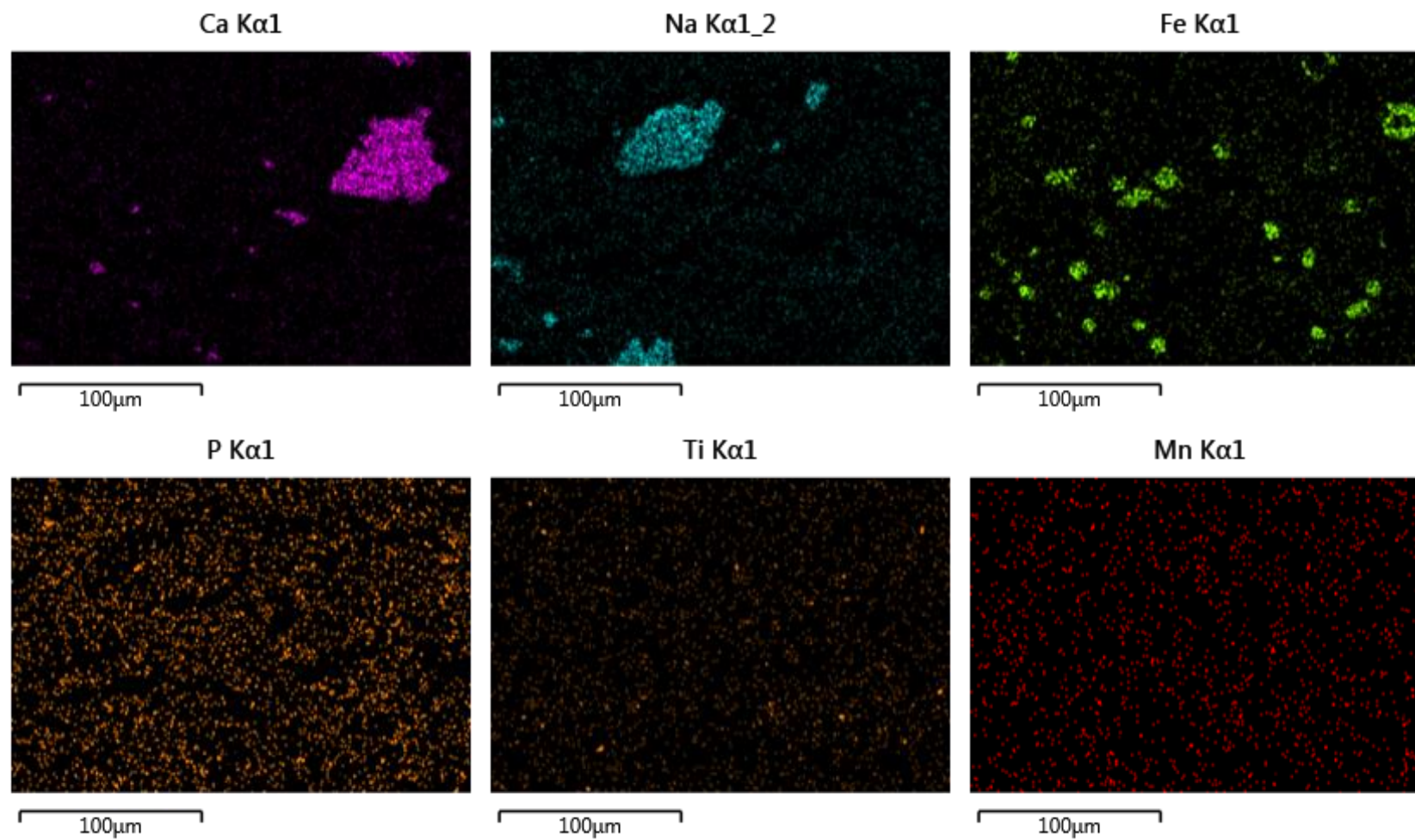


50 μ m

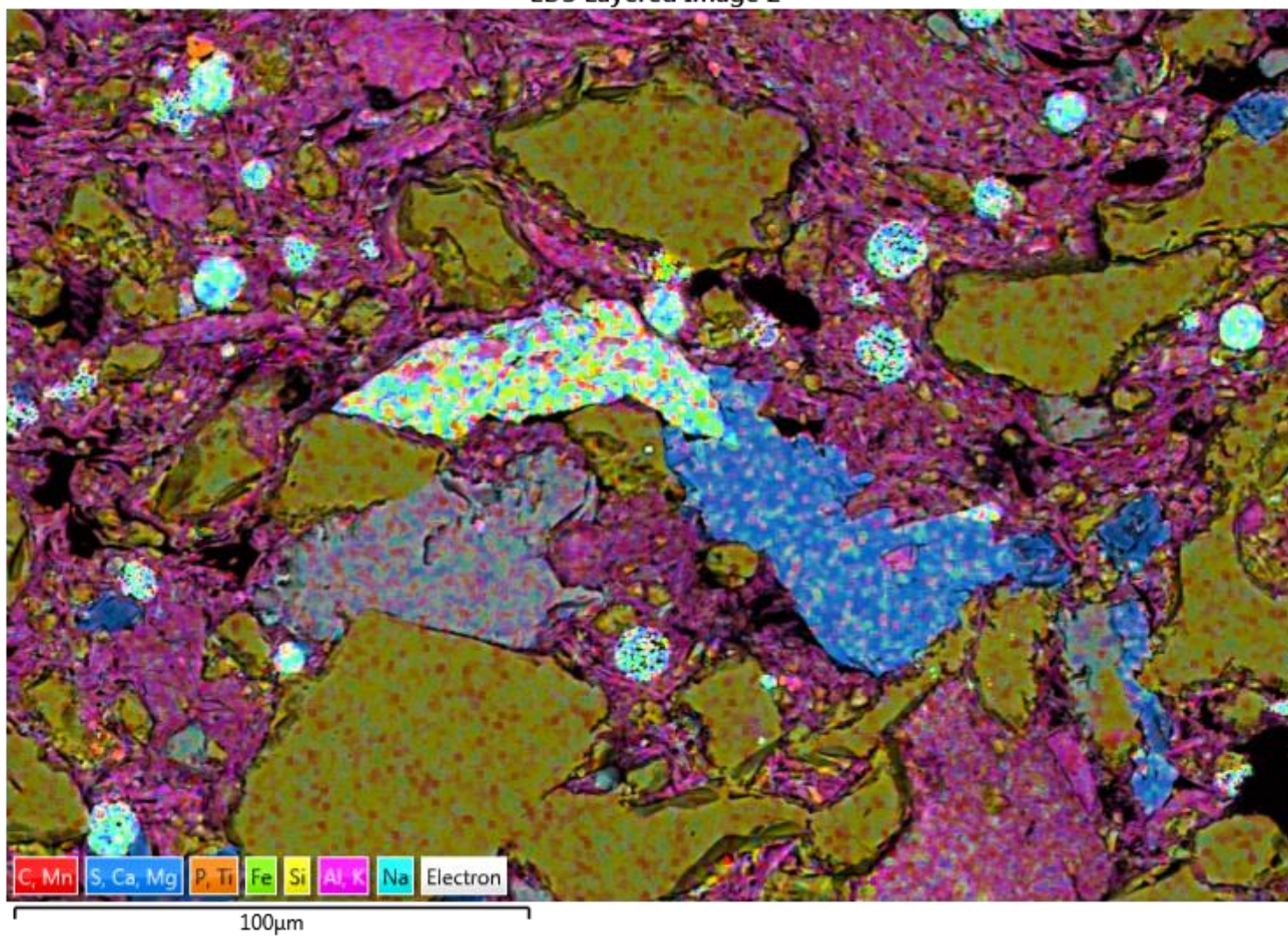
EDS Layered Image 1

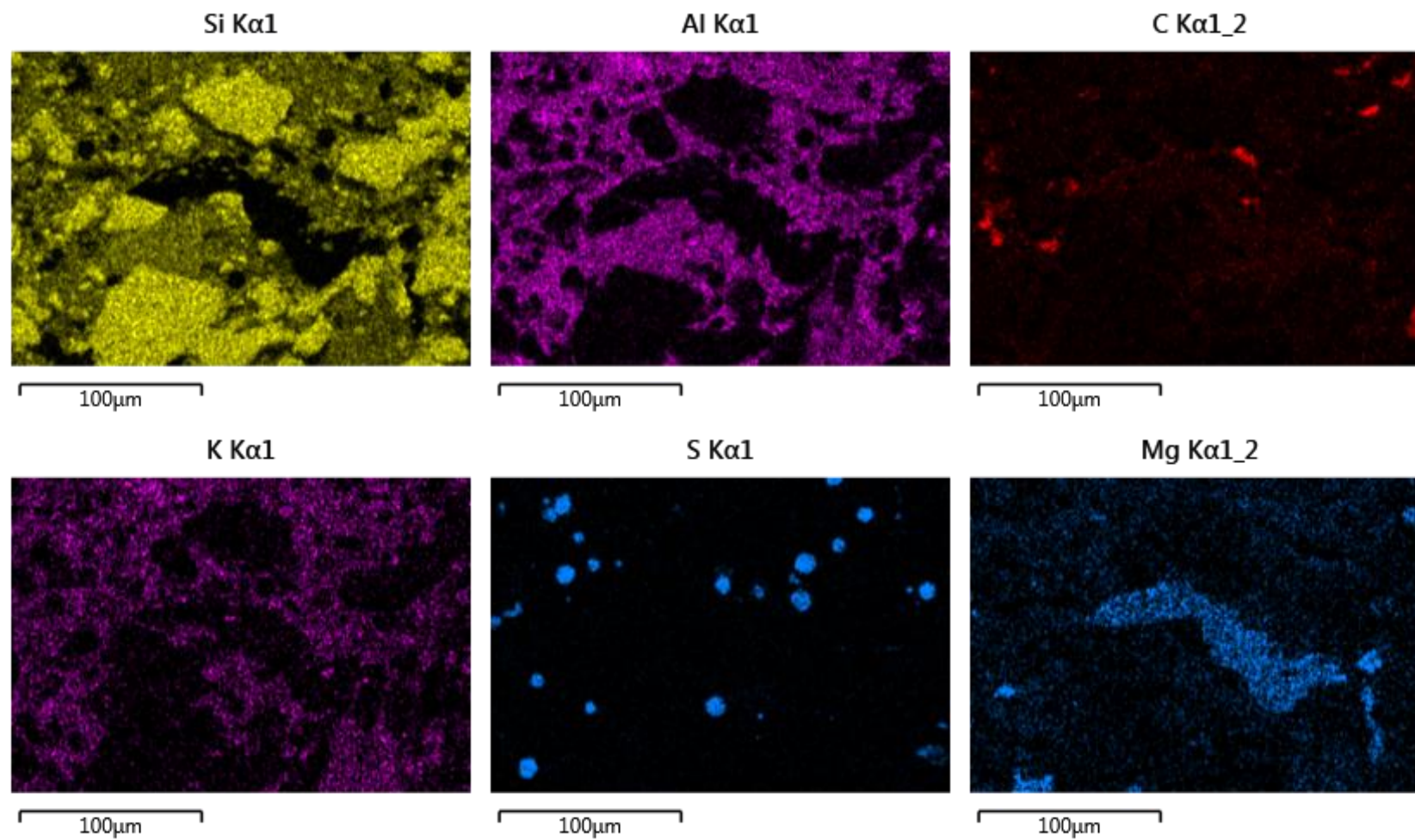


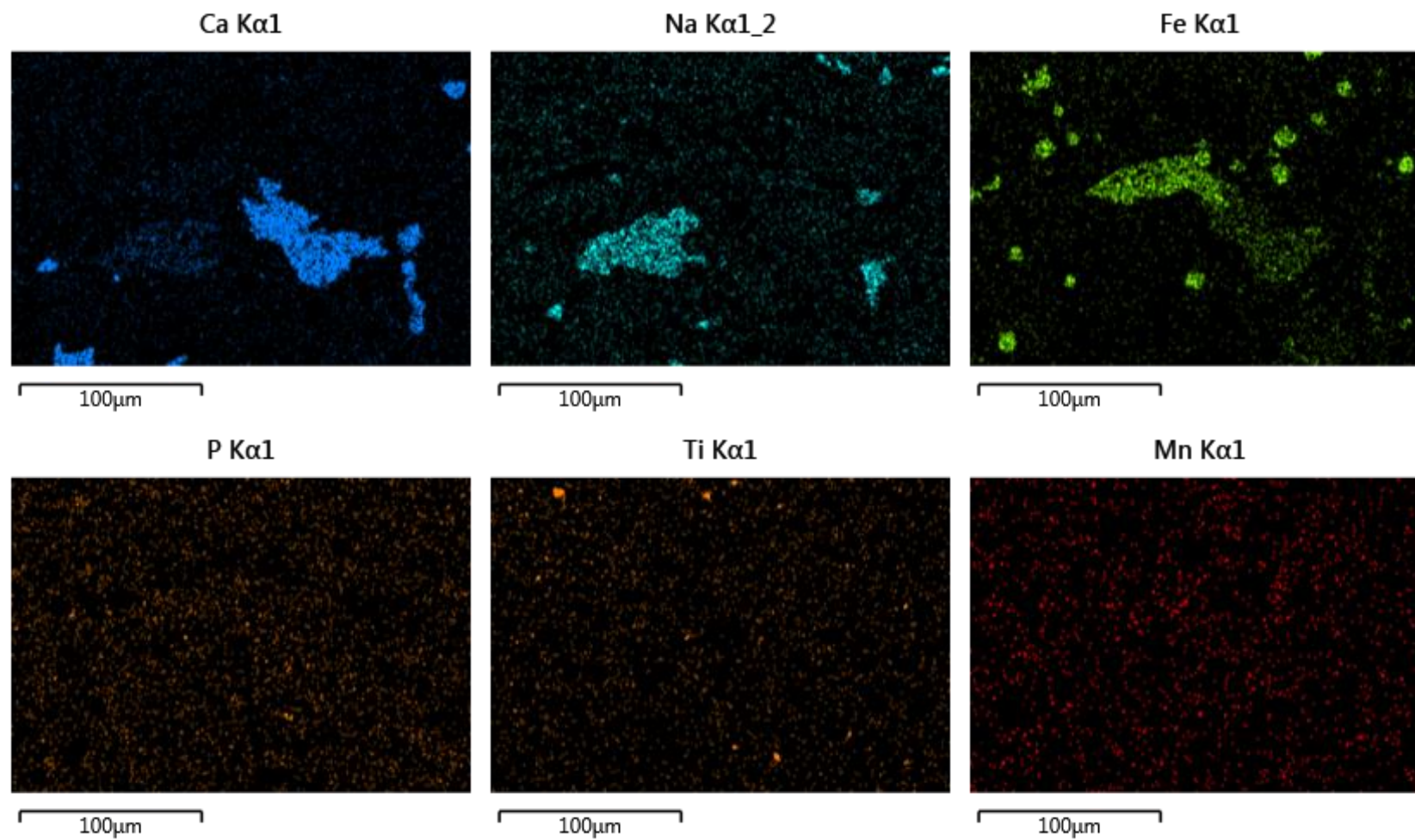




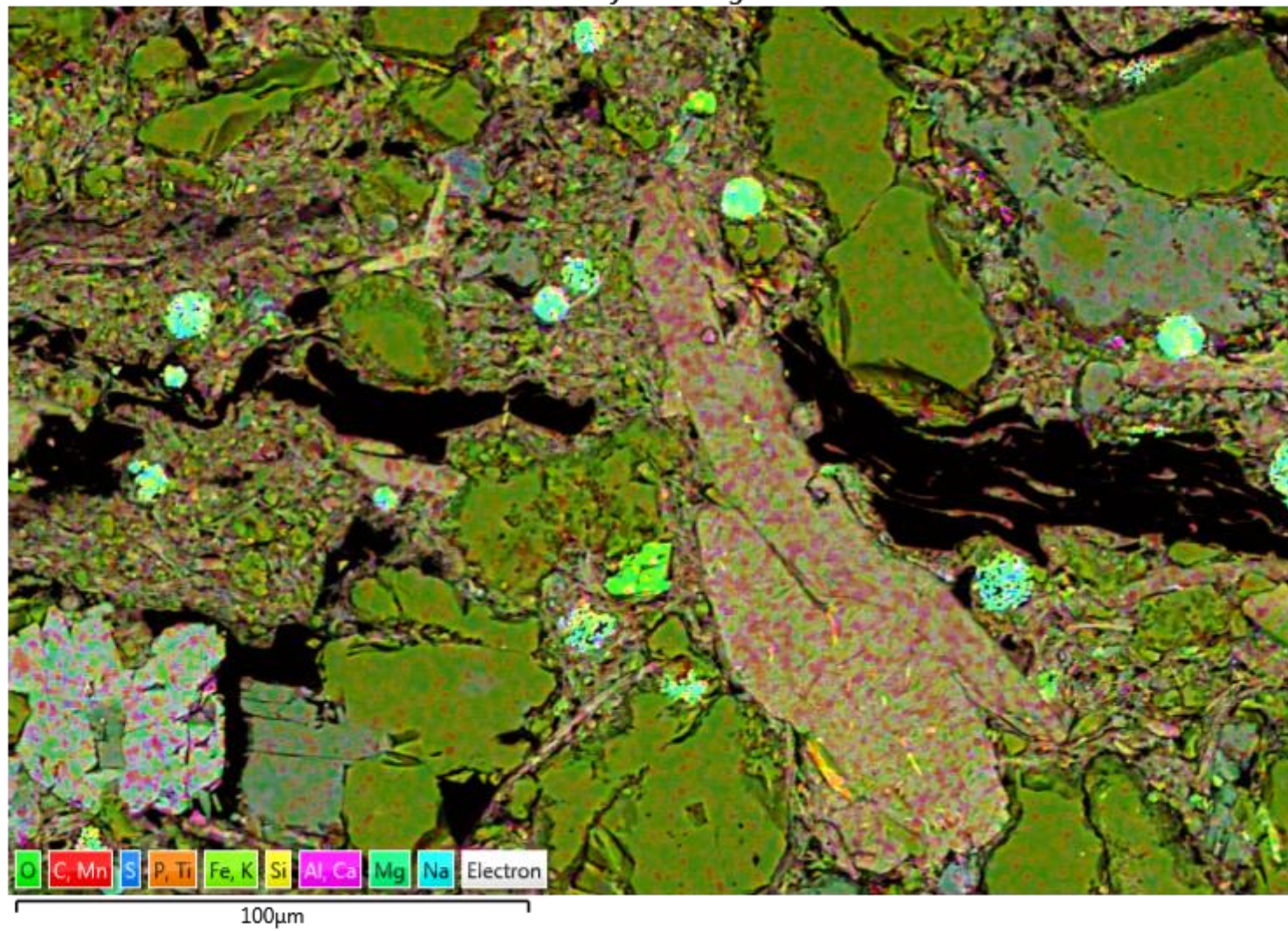
EDS Layered Image 2

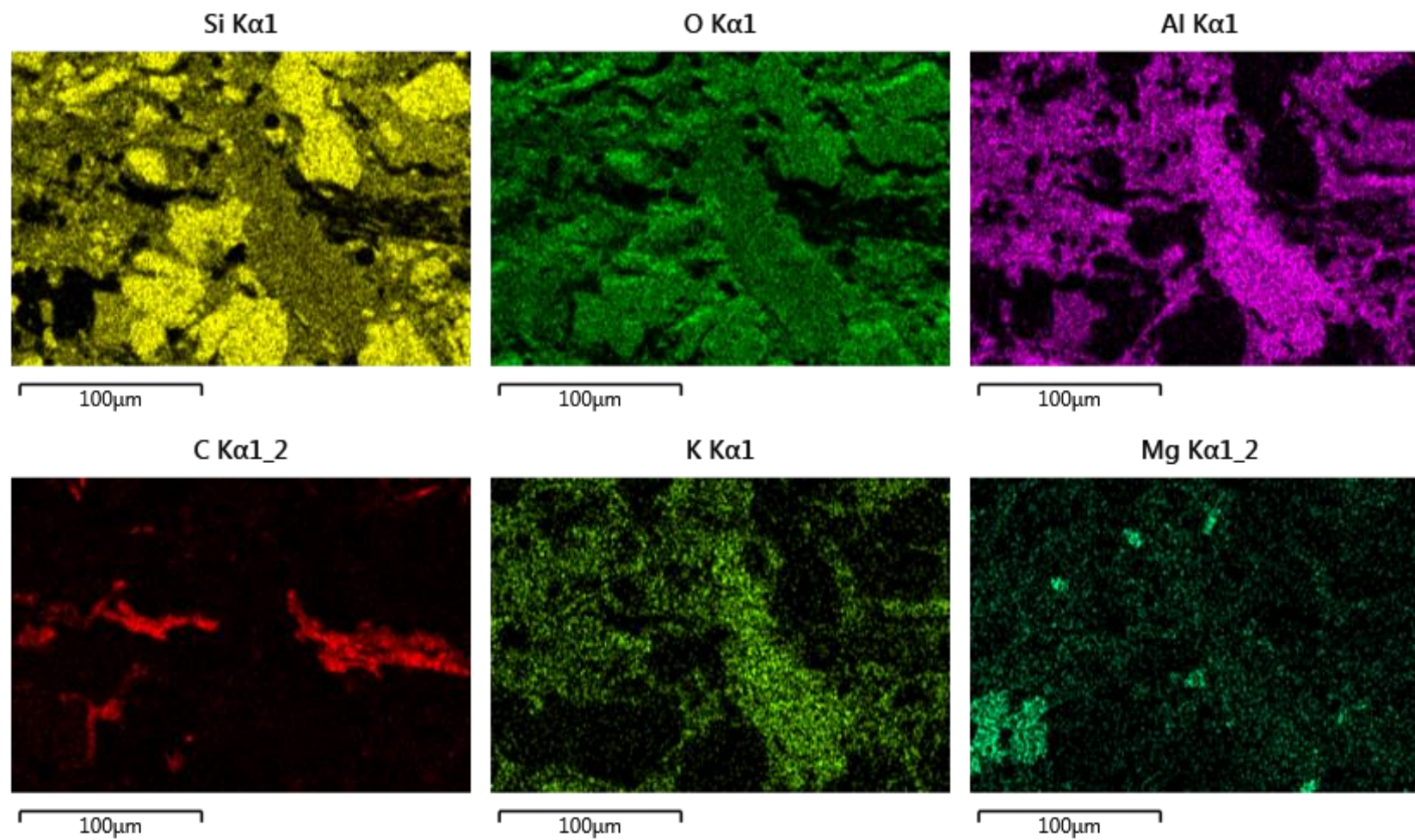


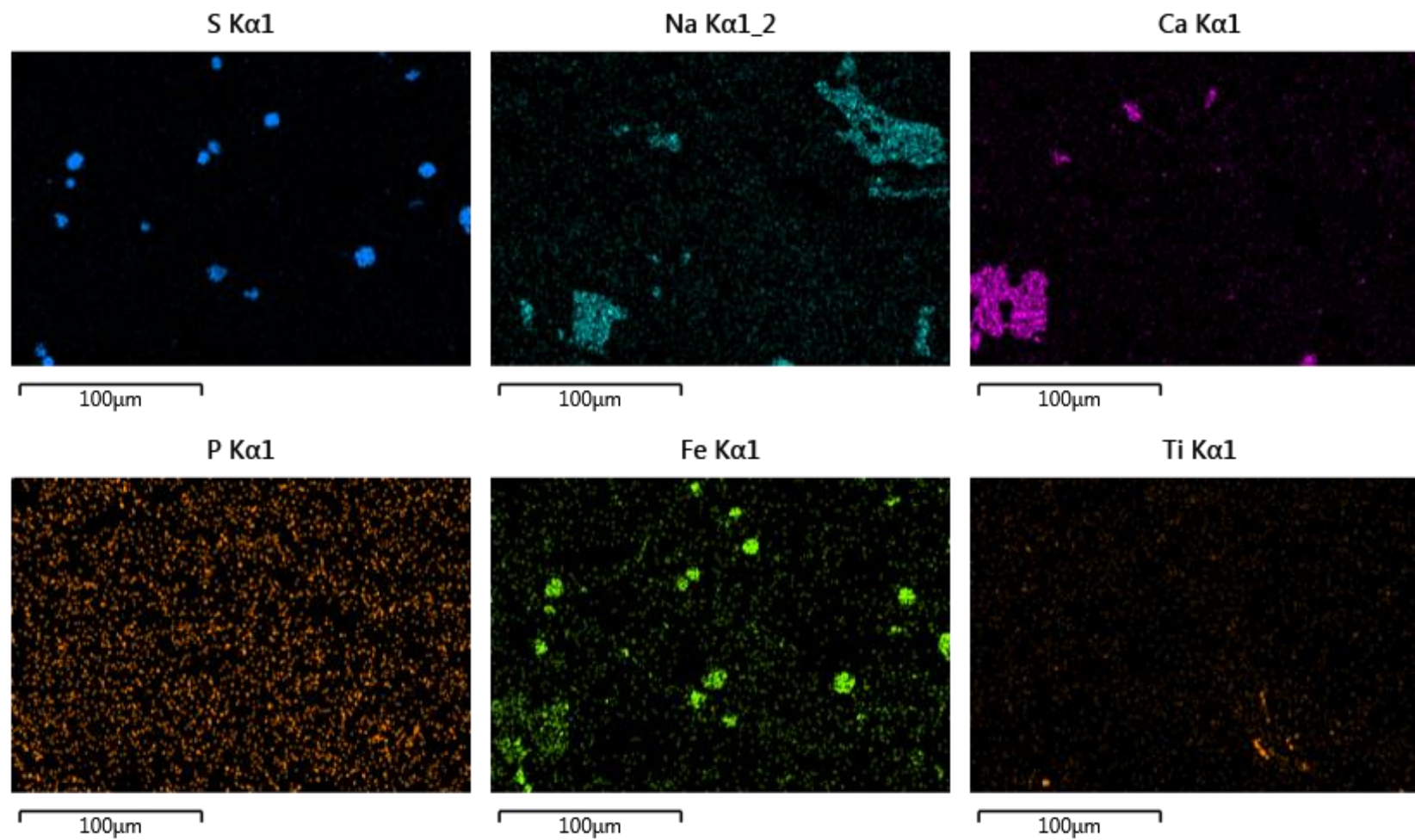




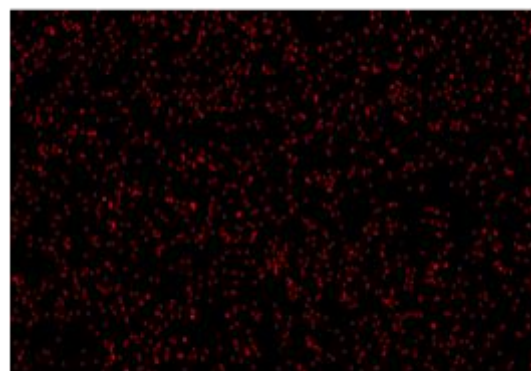
EDS Layered Image 3





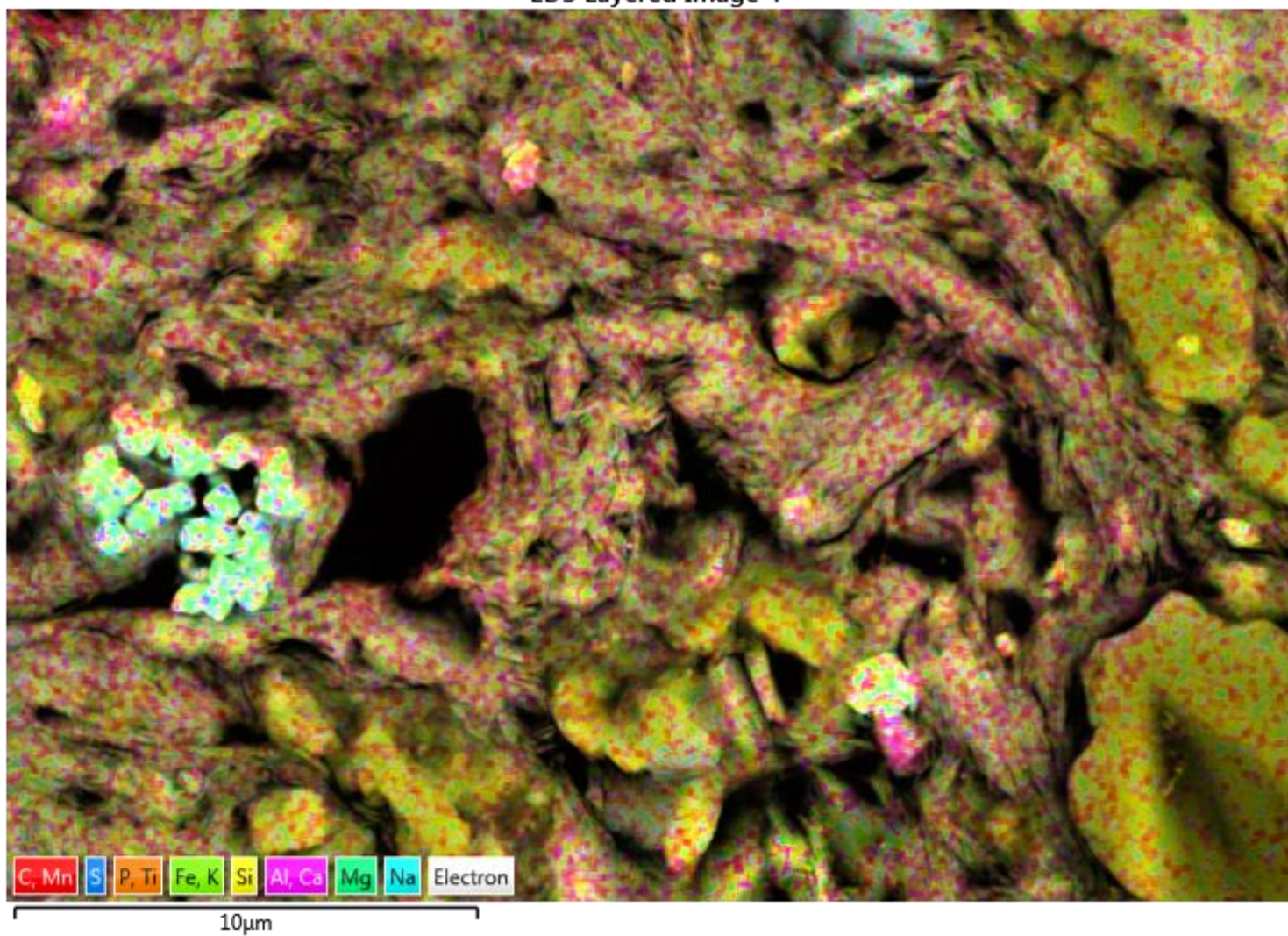


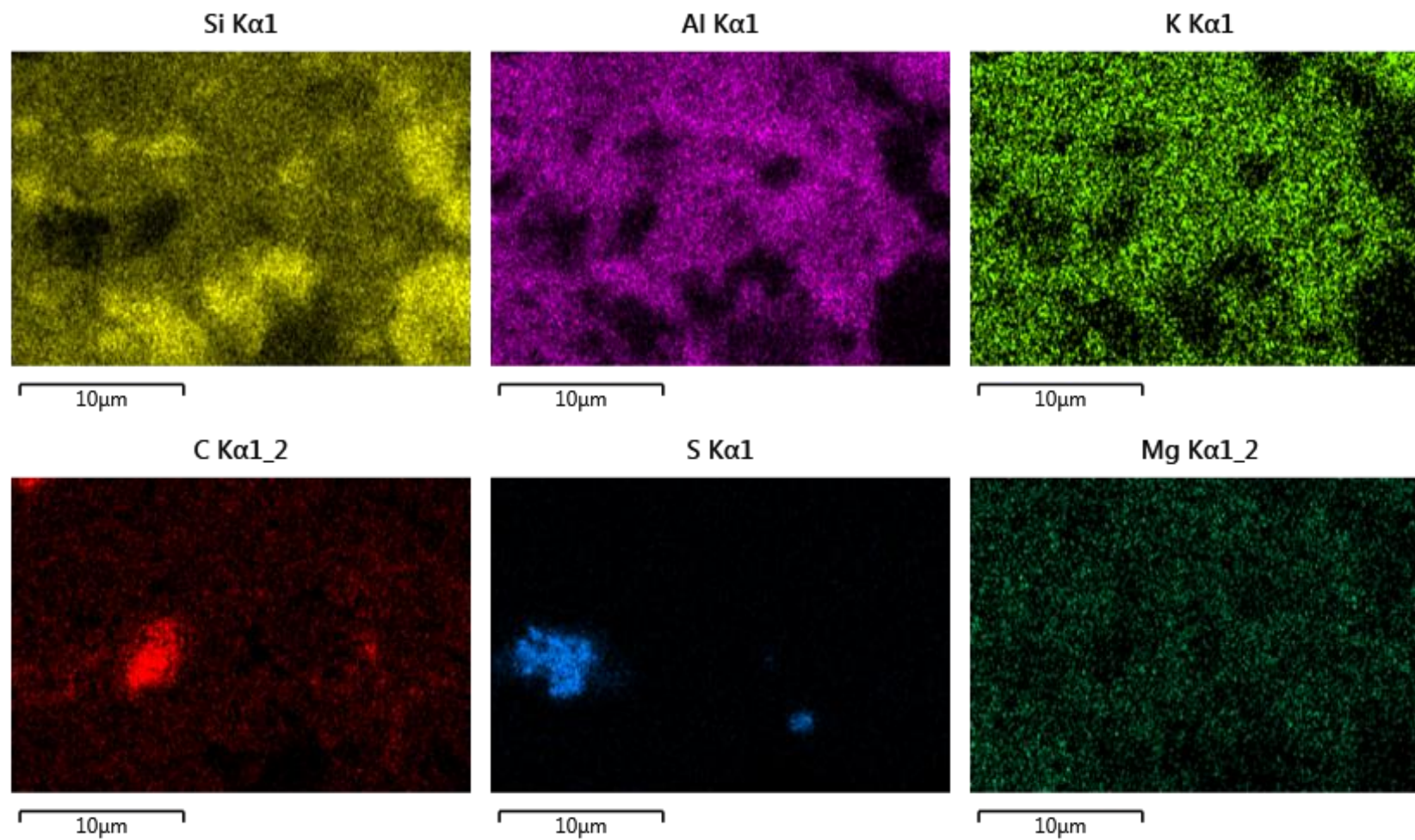
Mn K α 1

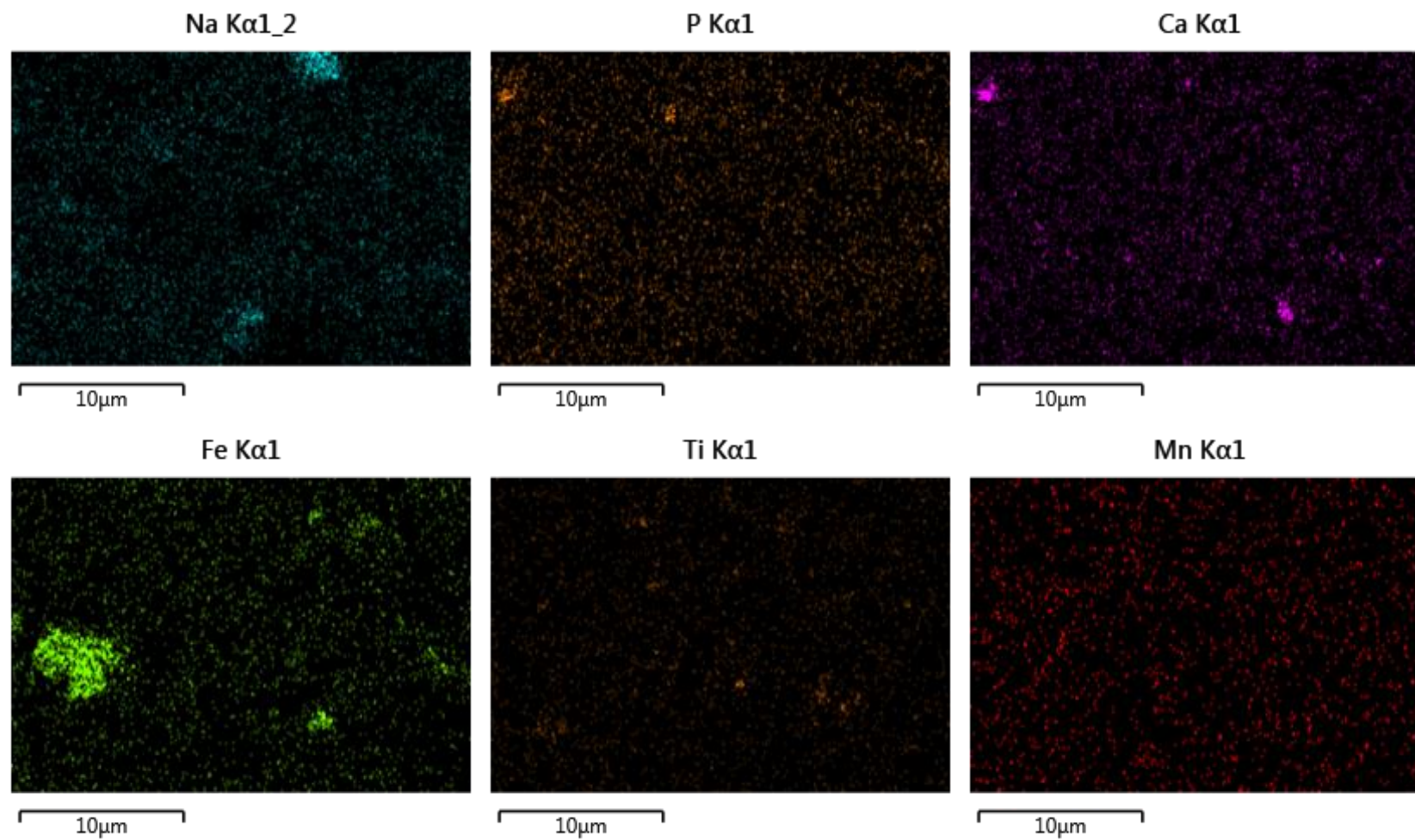


100 μ m

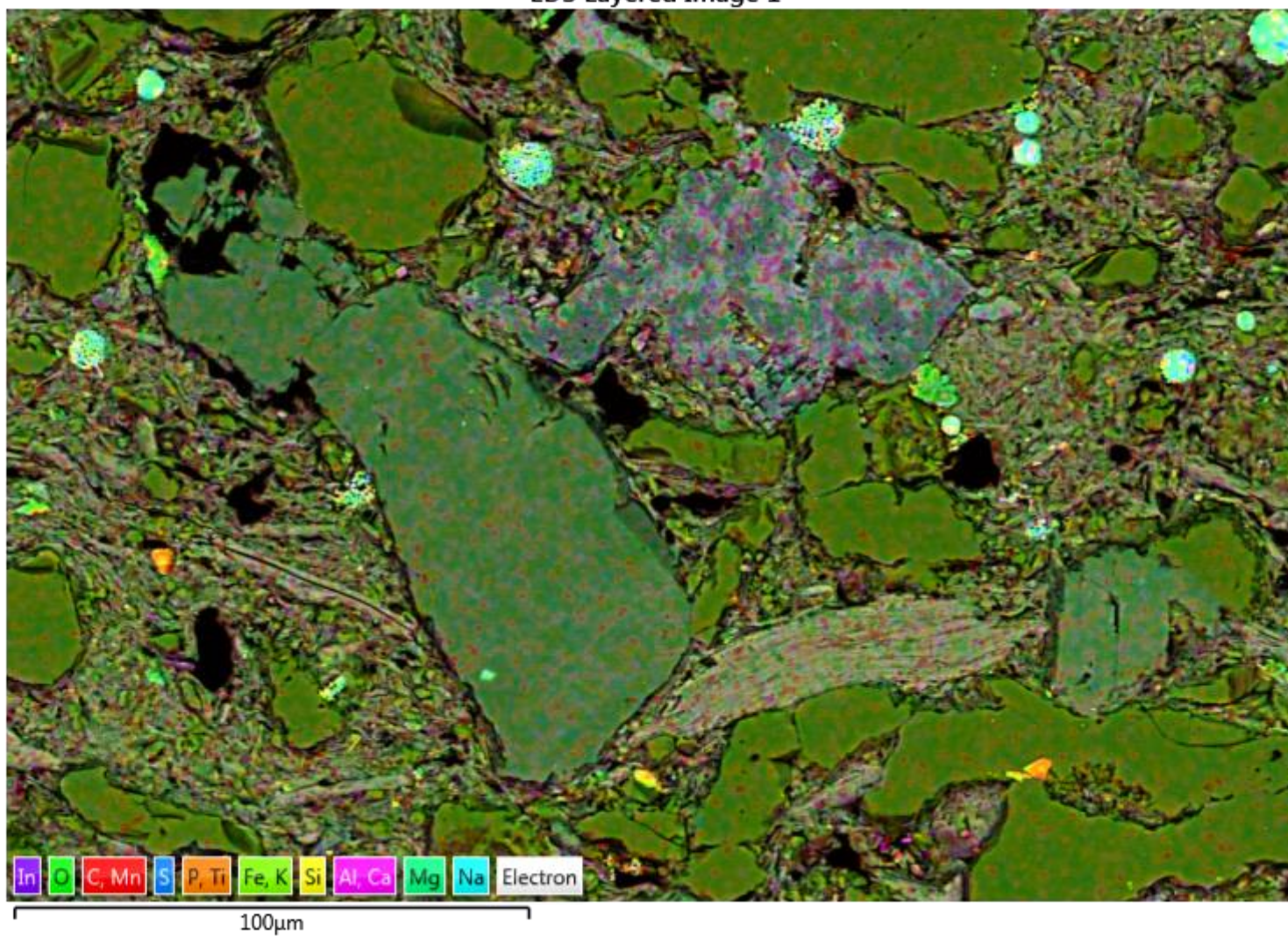
EDS Layered Image 4

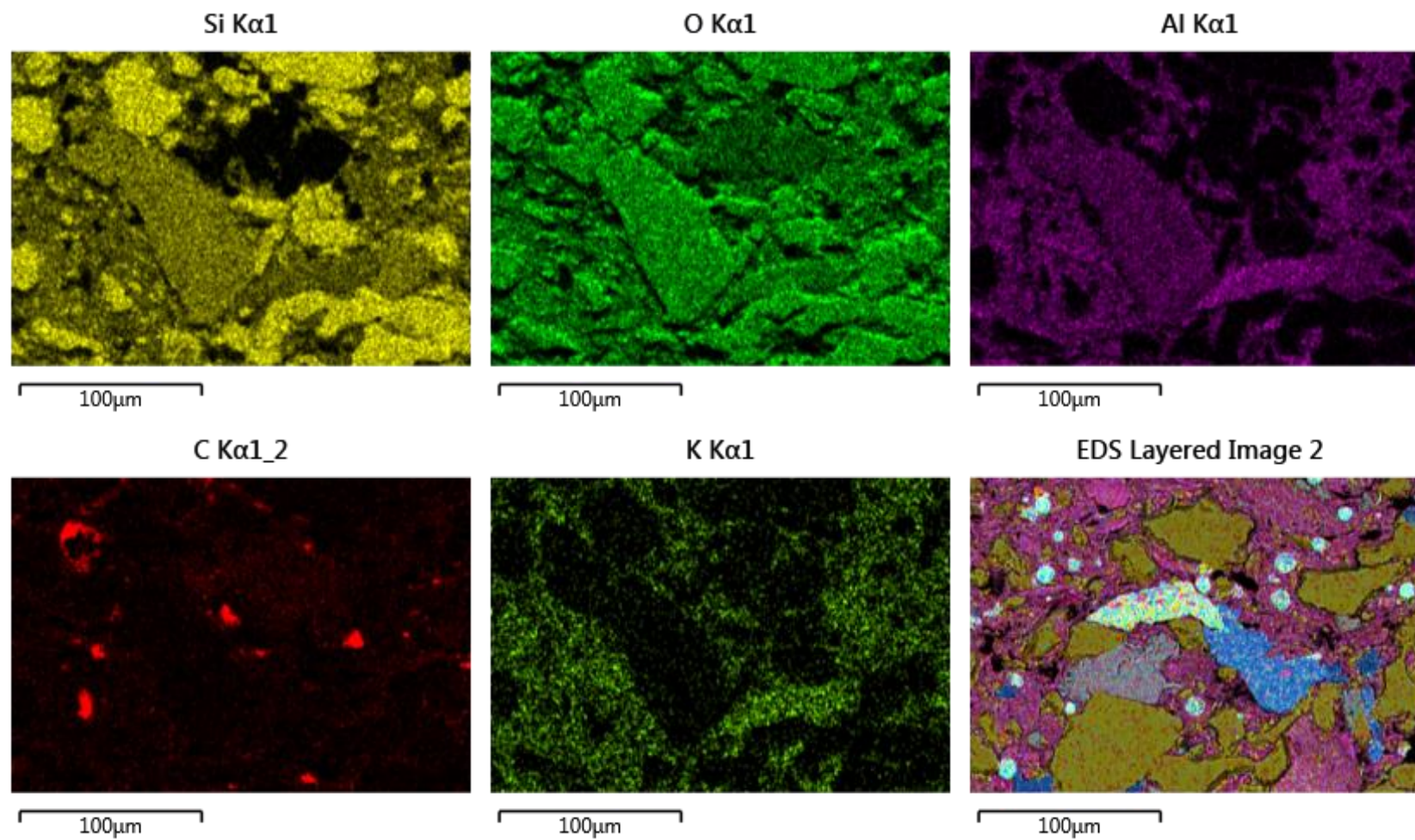


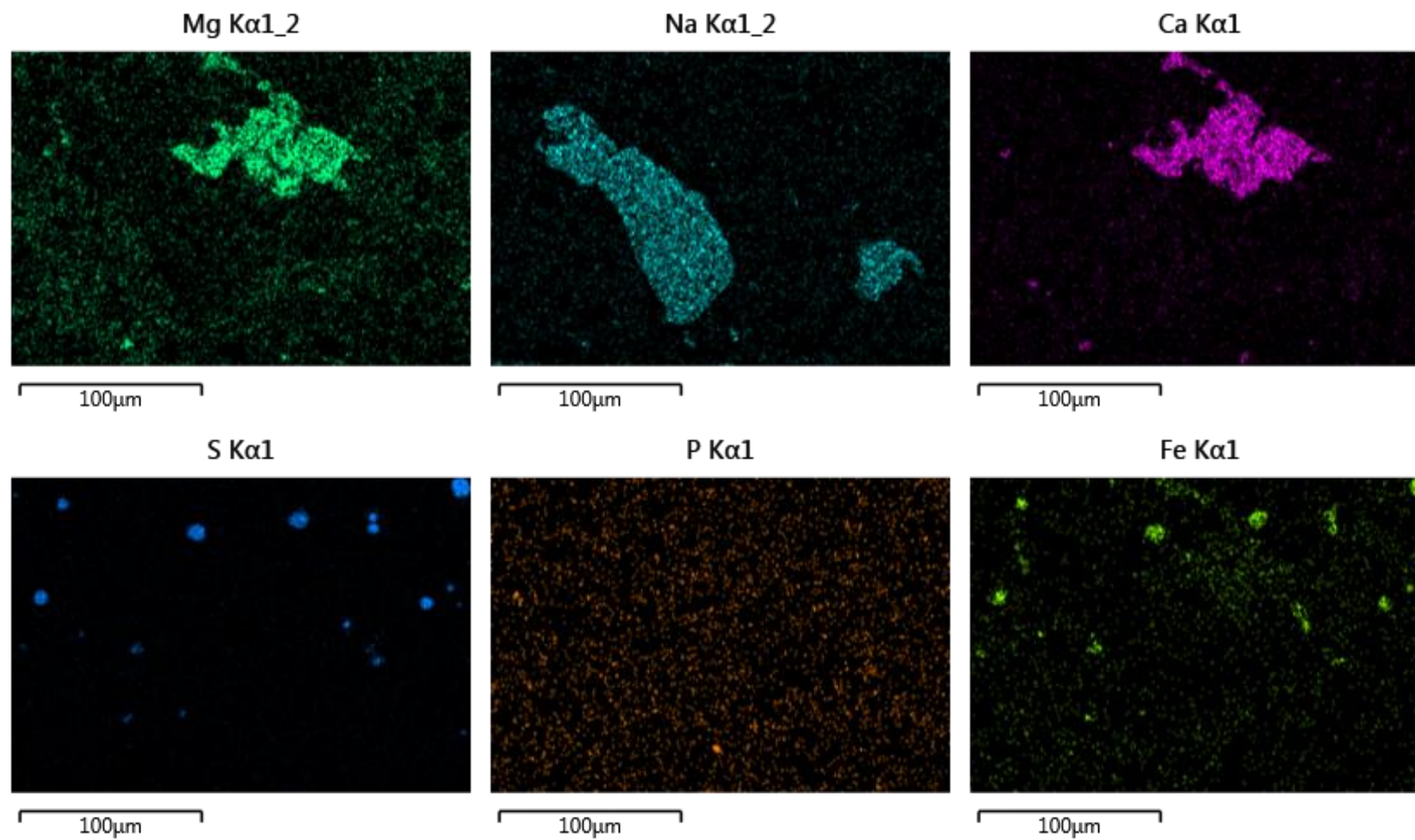


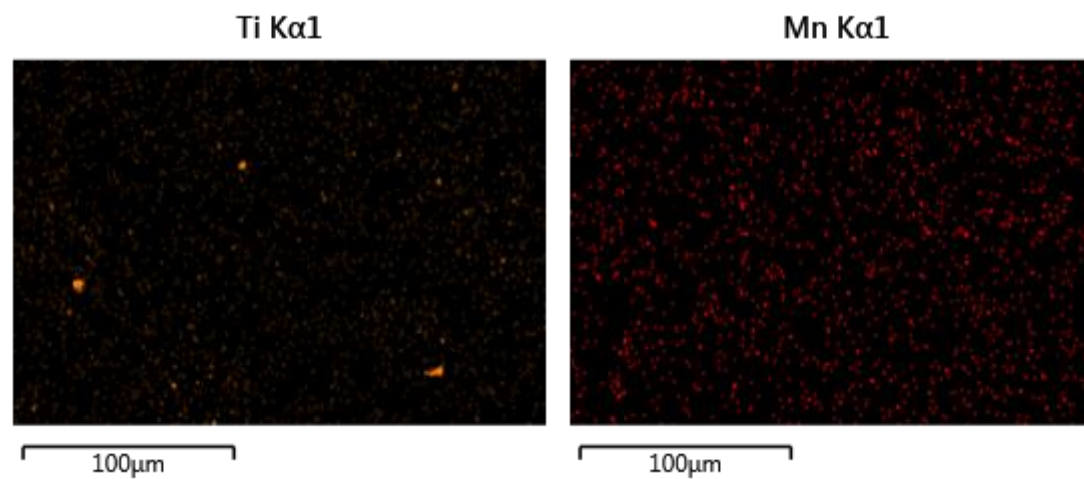


EDS Layered Image 1

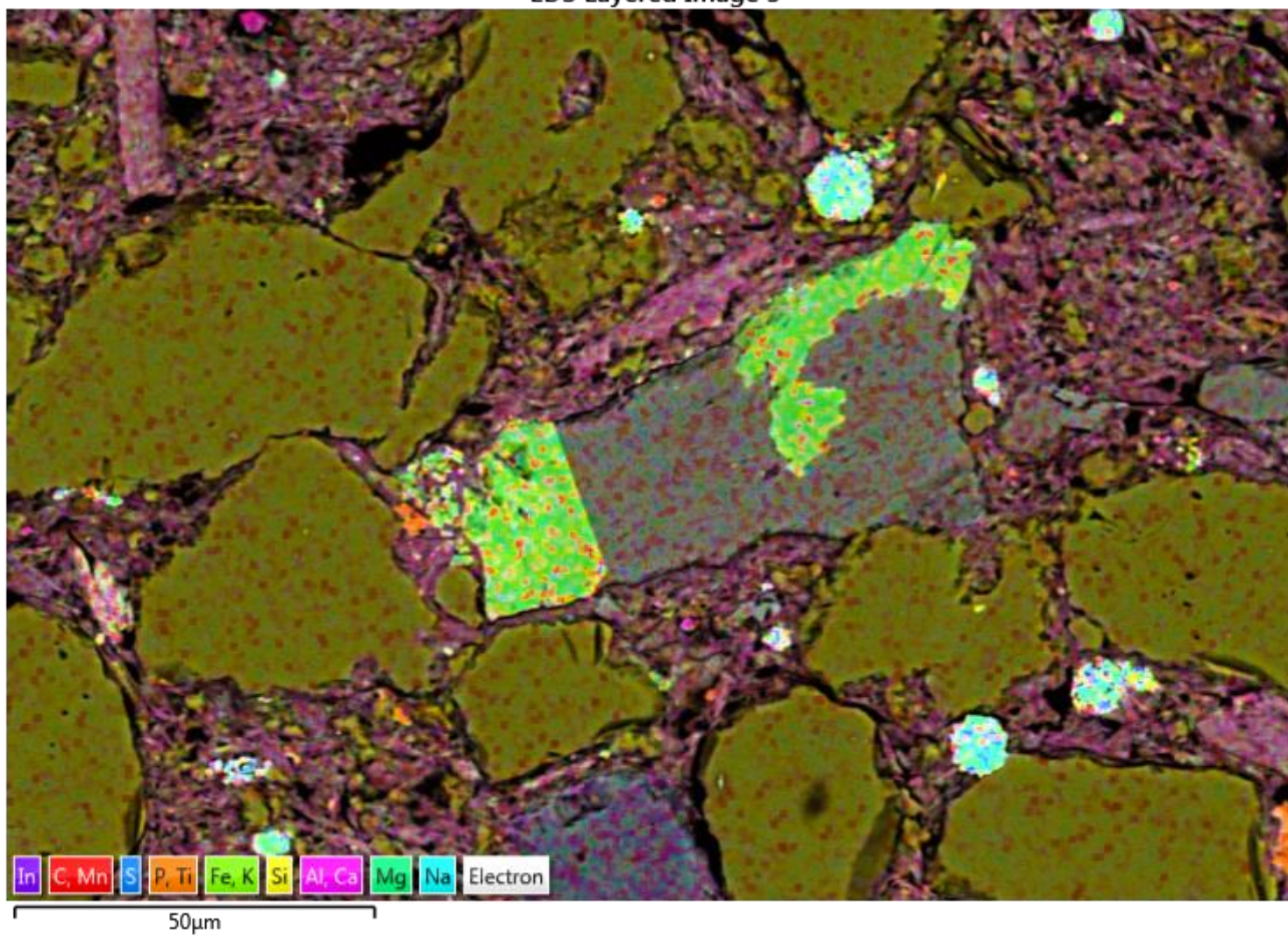


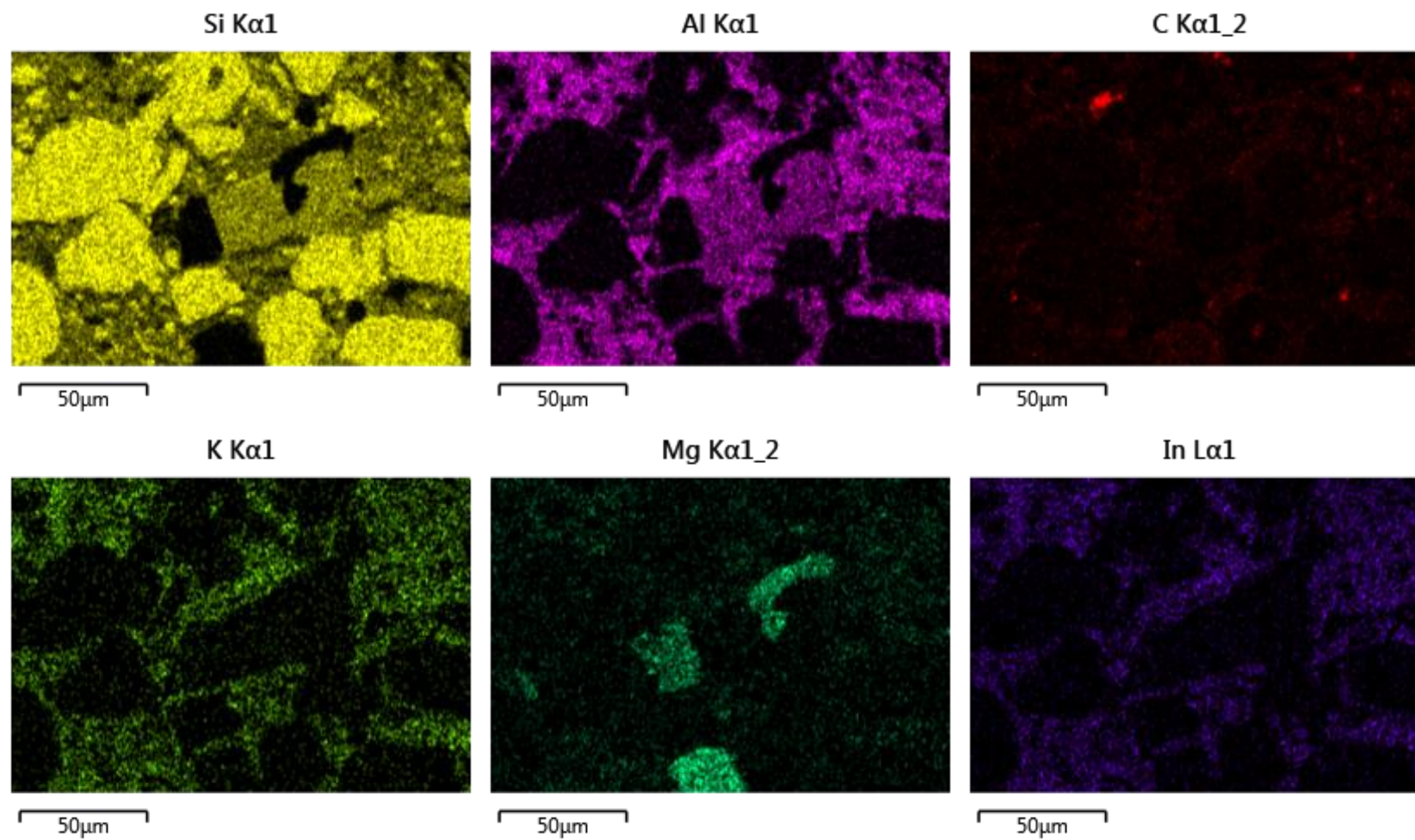


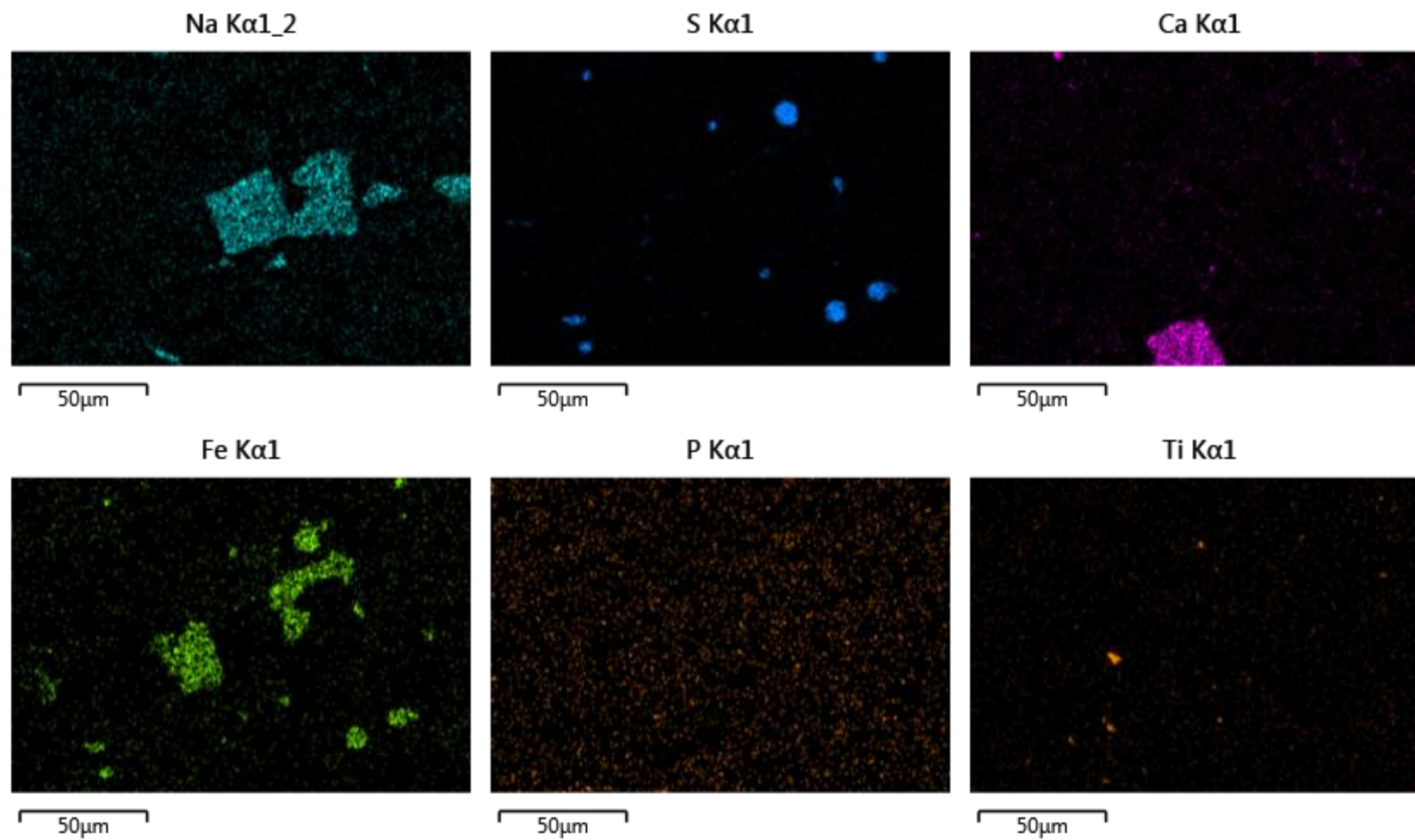




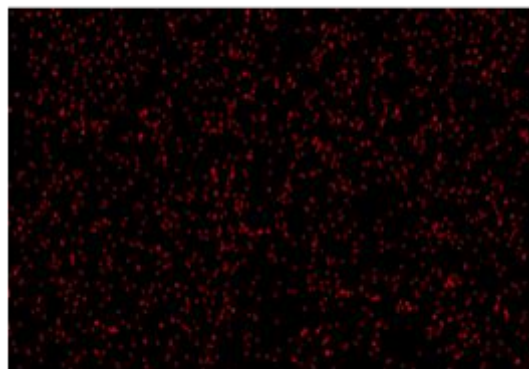
EDS Layered Image 3





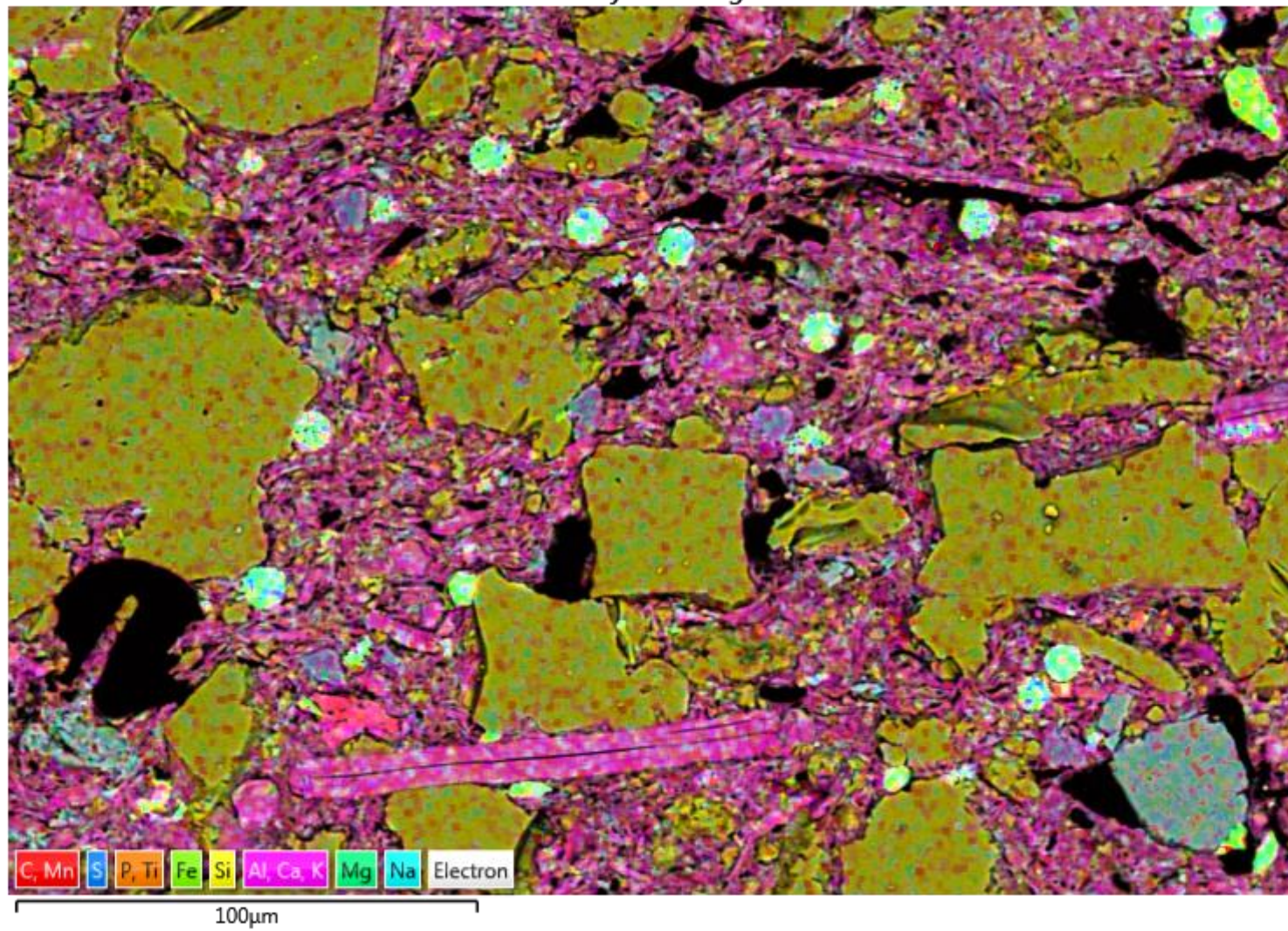


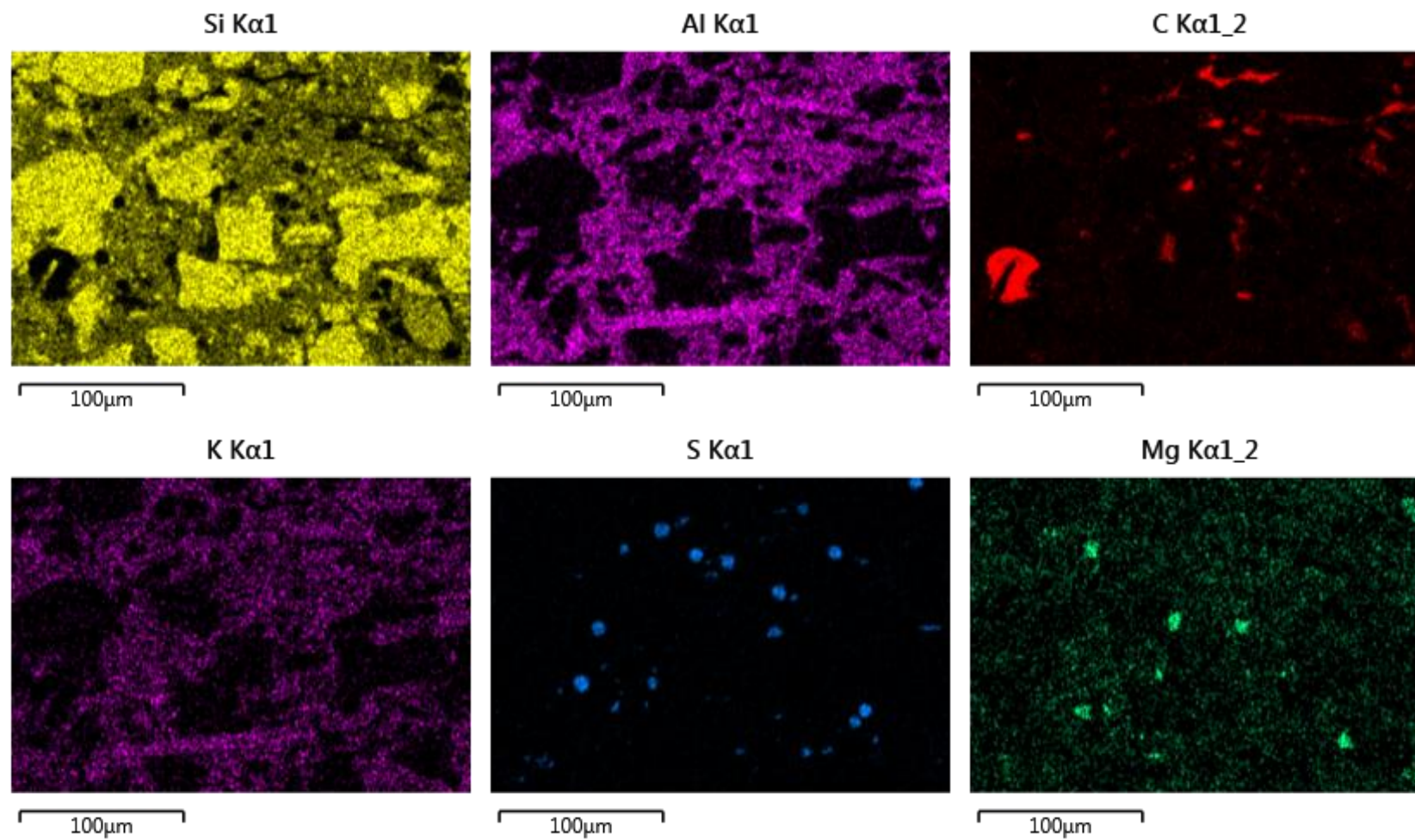
Mn K α 1

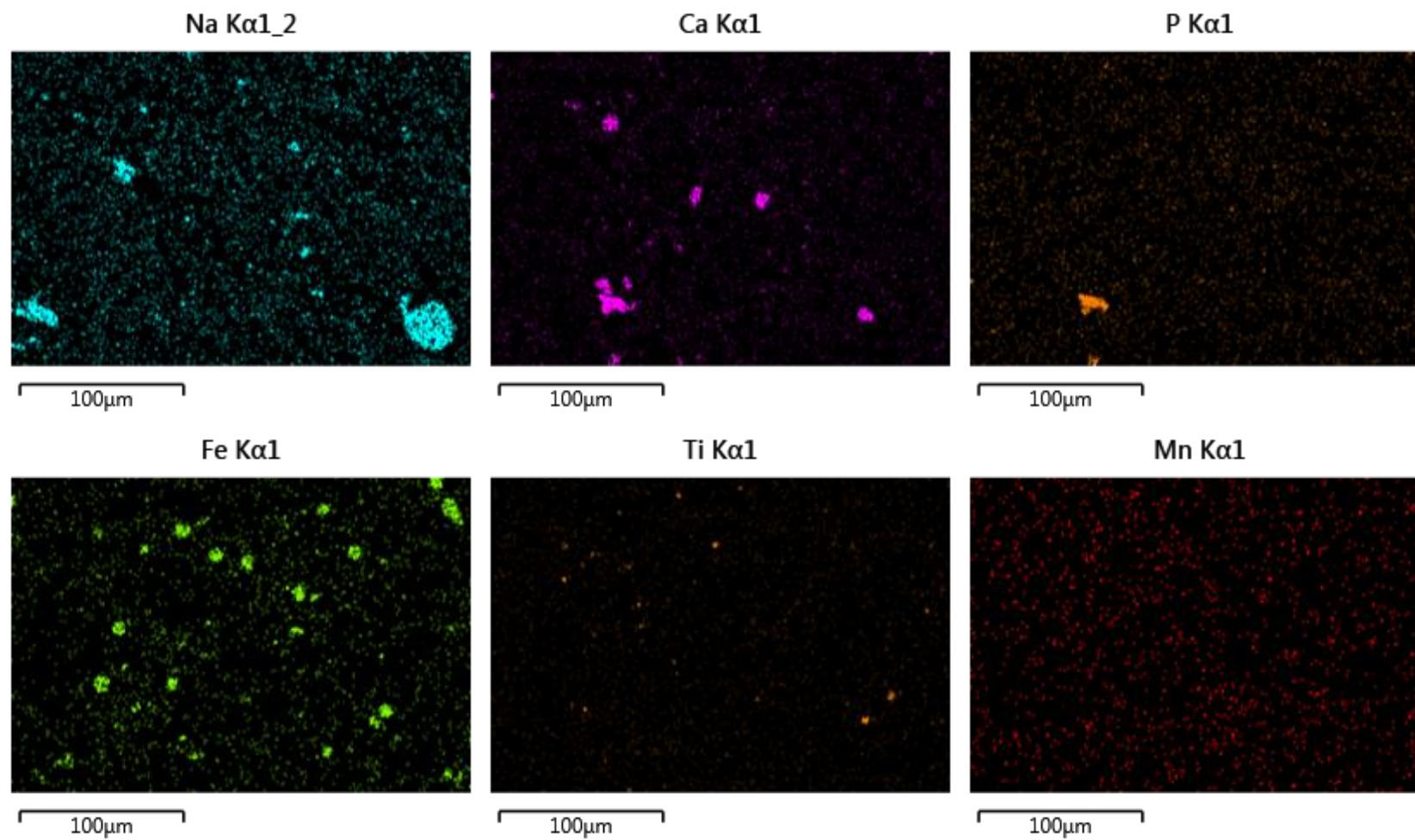


50 μ m

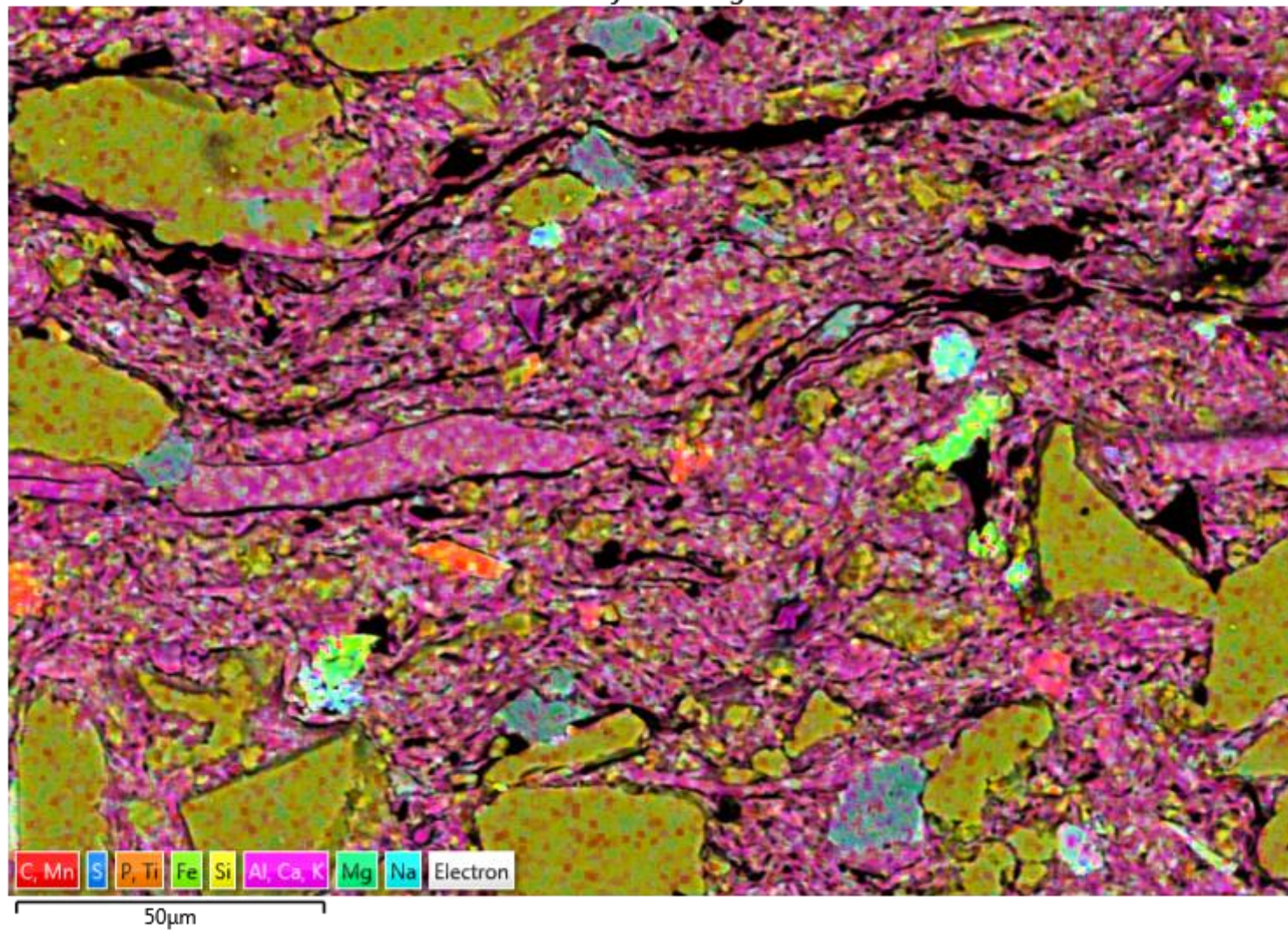
EDS Layered Image 1

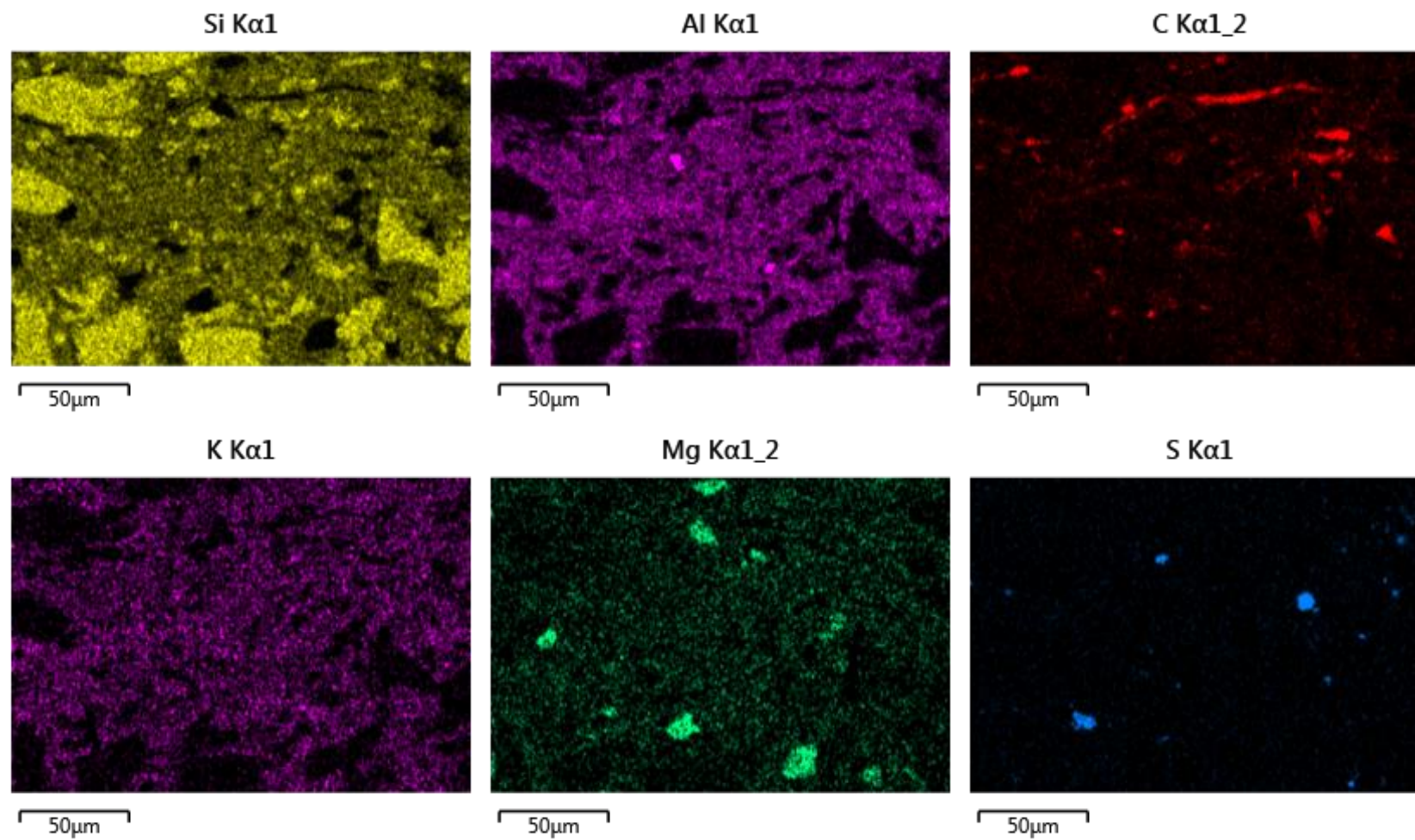


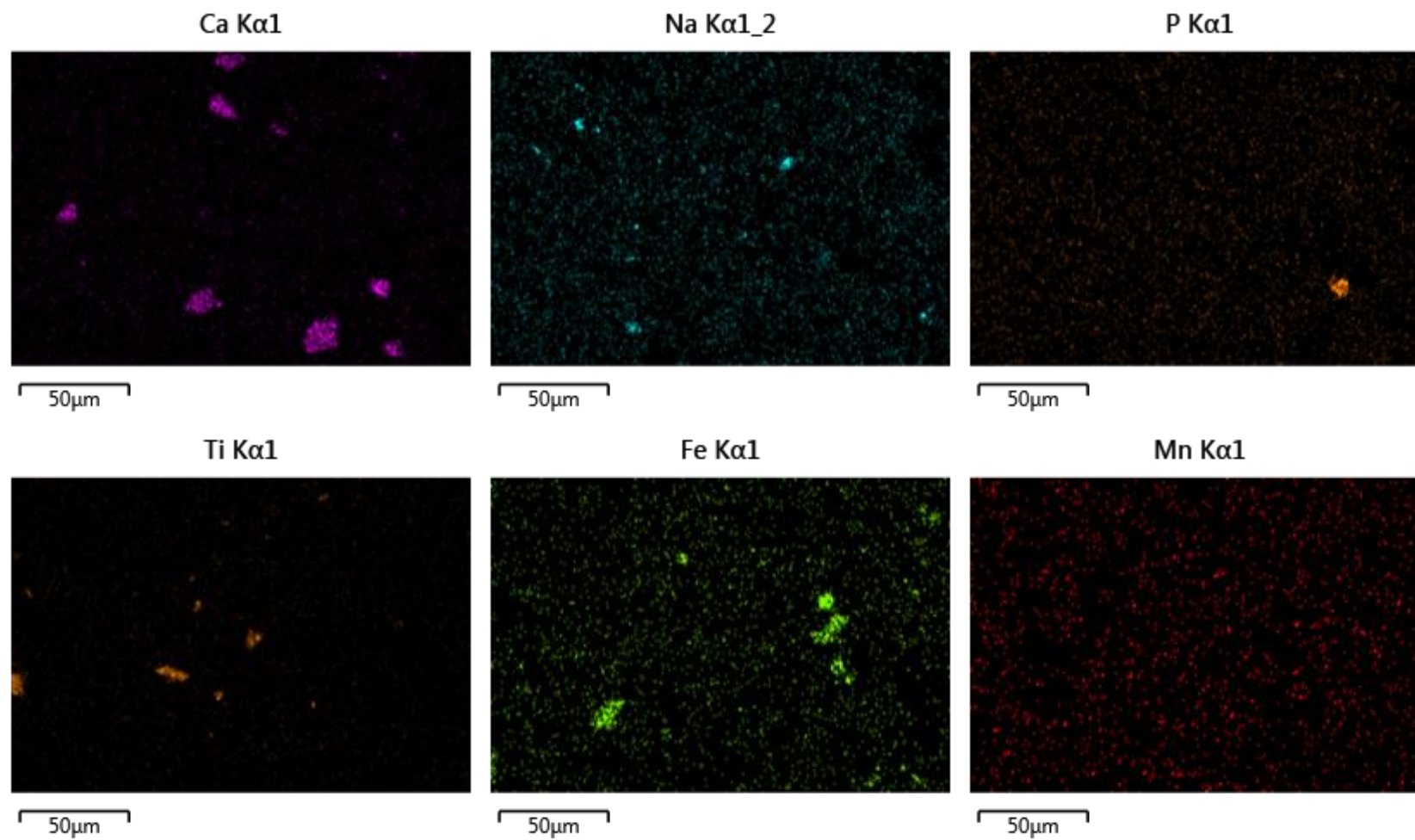




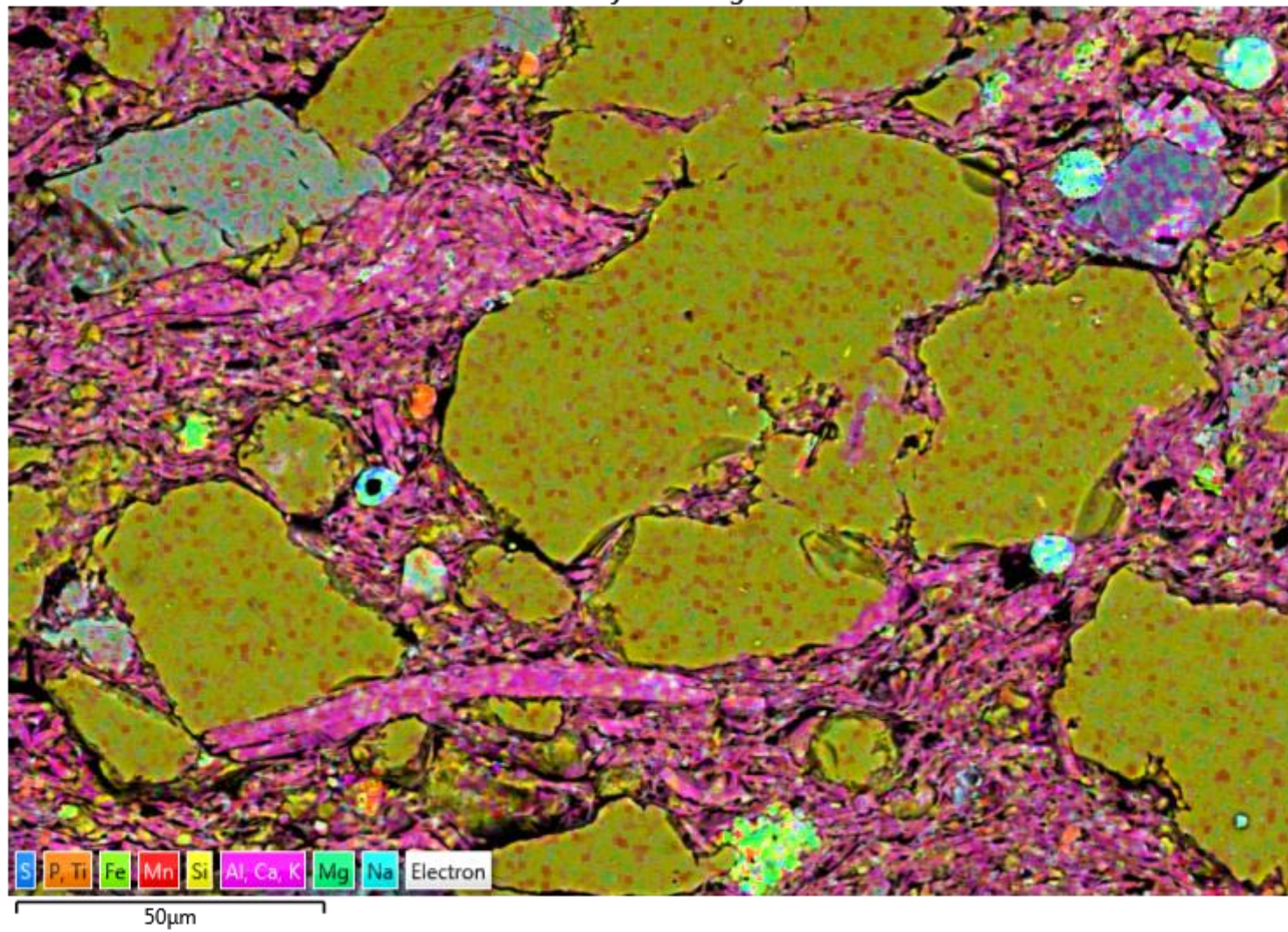
EDS Layered Image 2

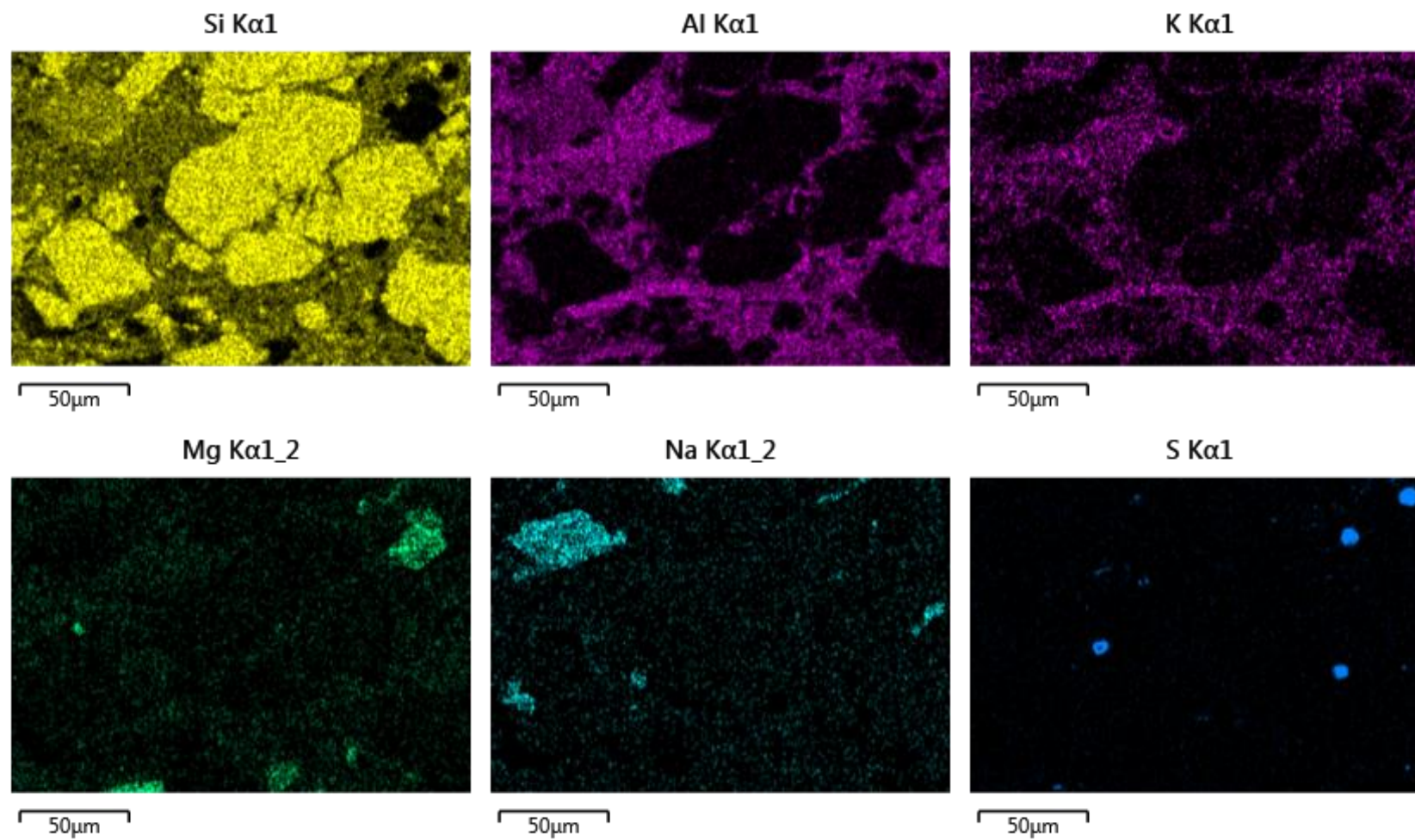


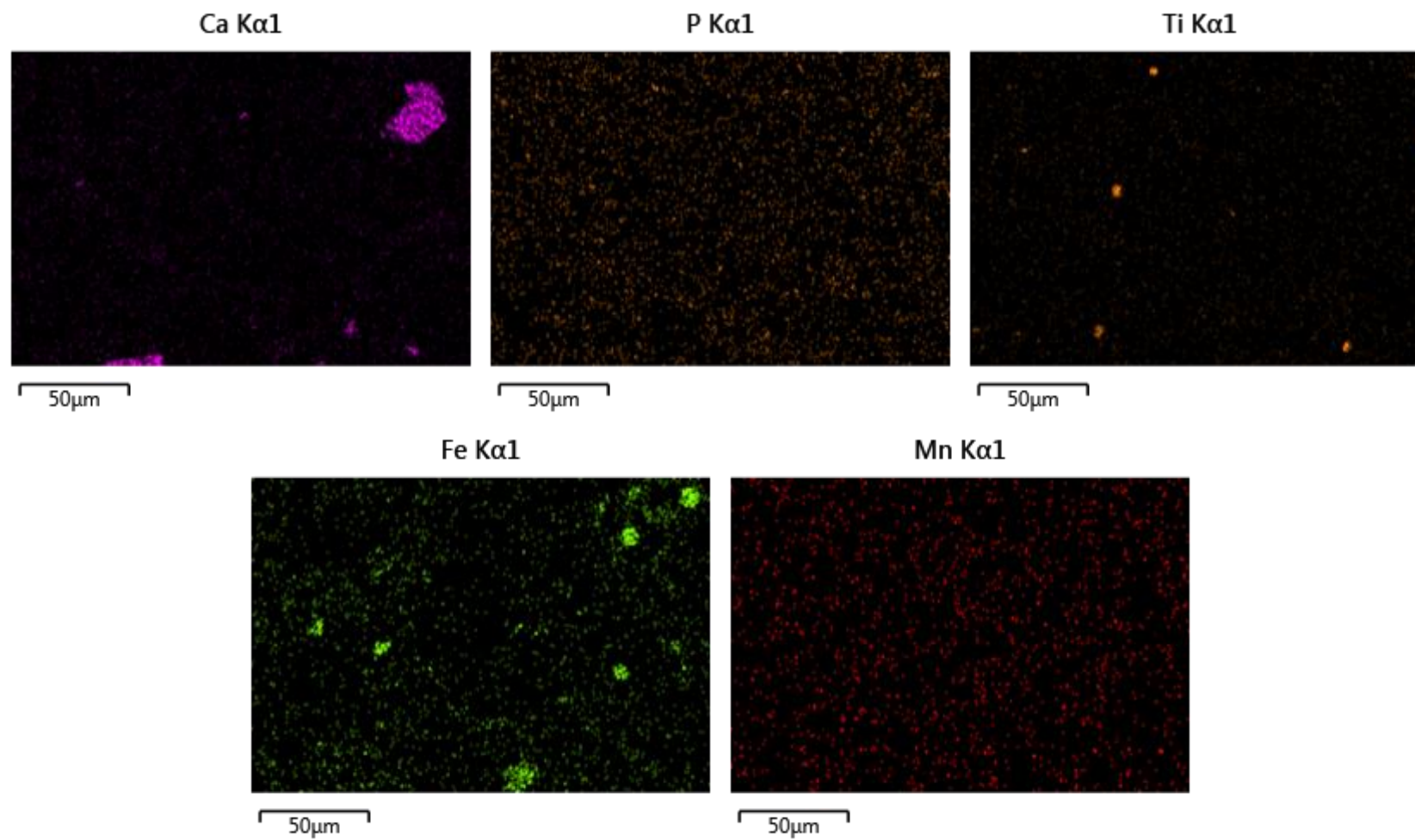




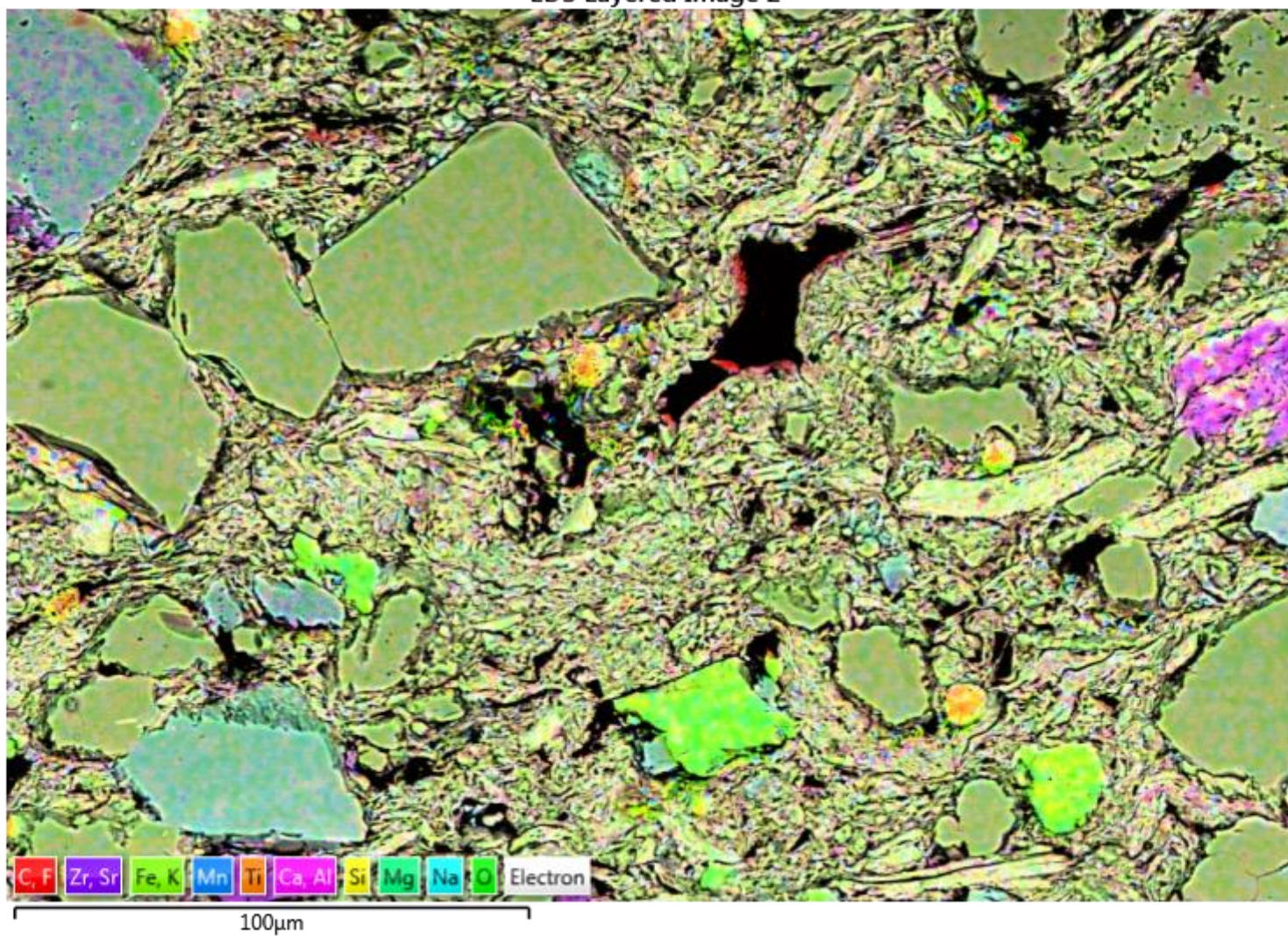
EDS Layered Image 3

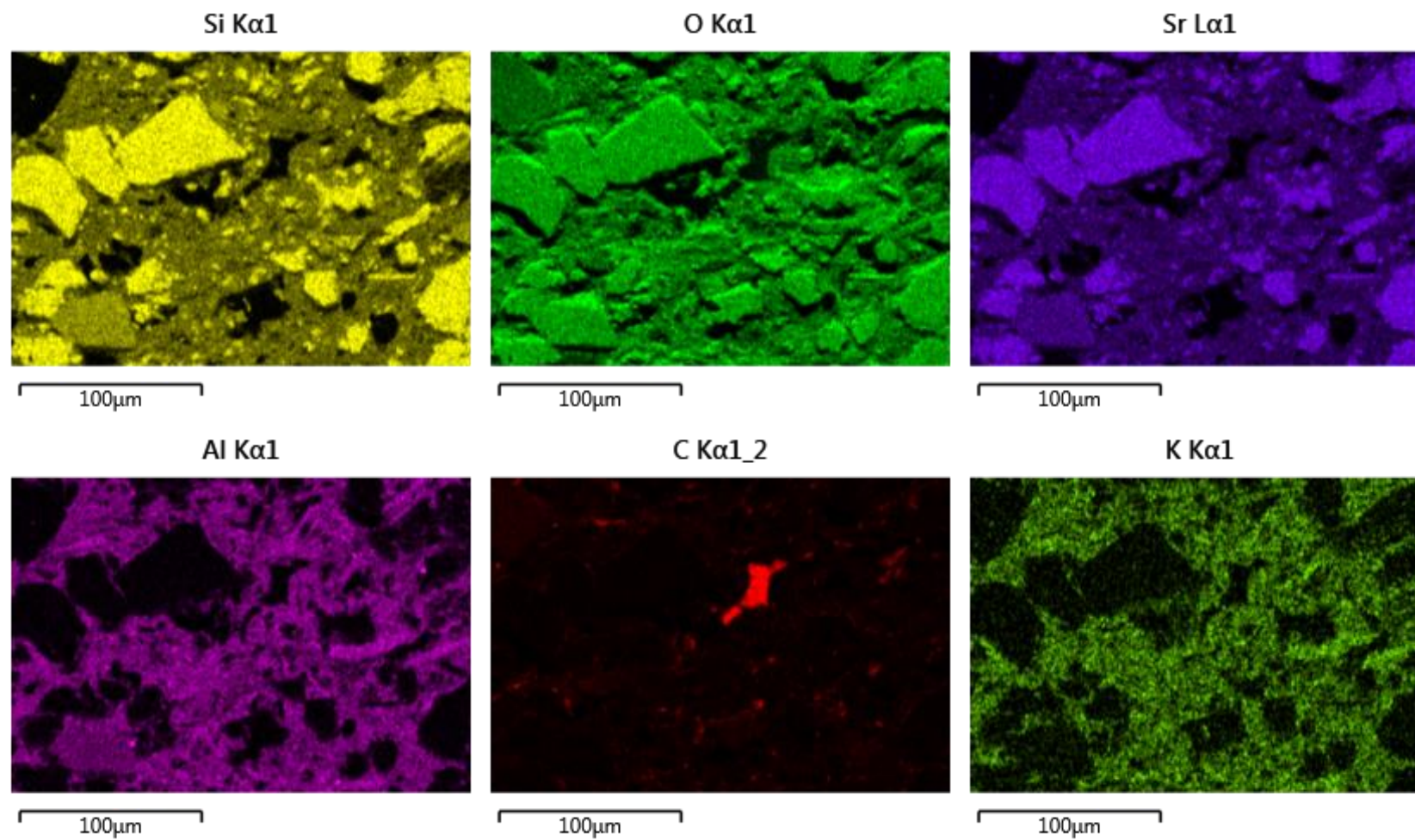


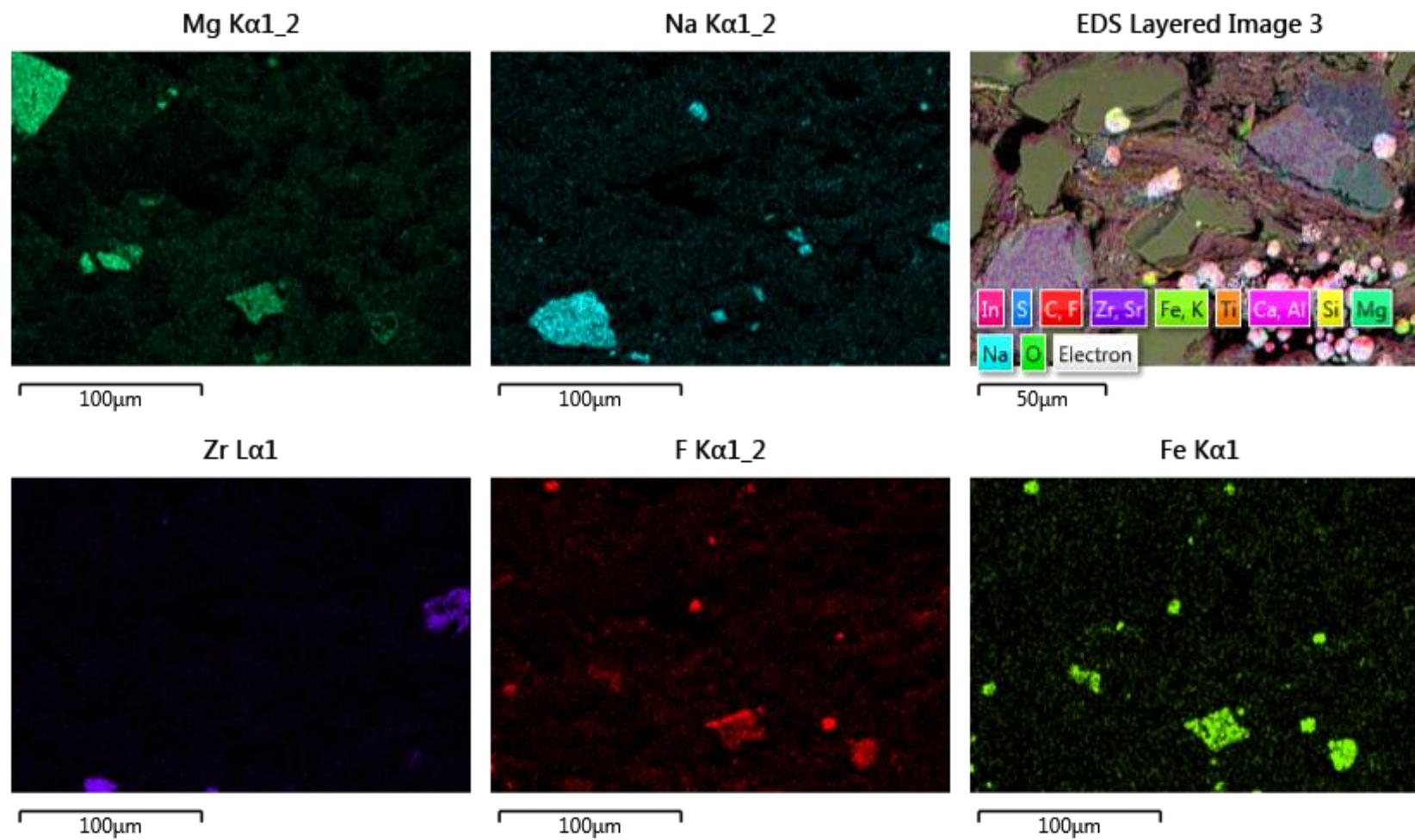


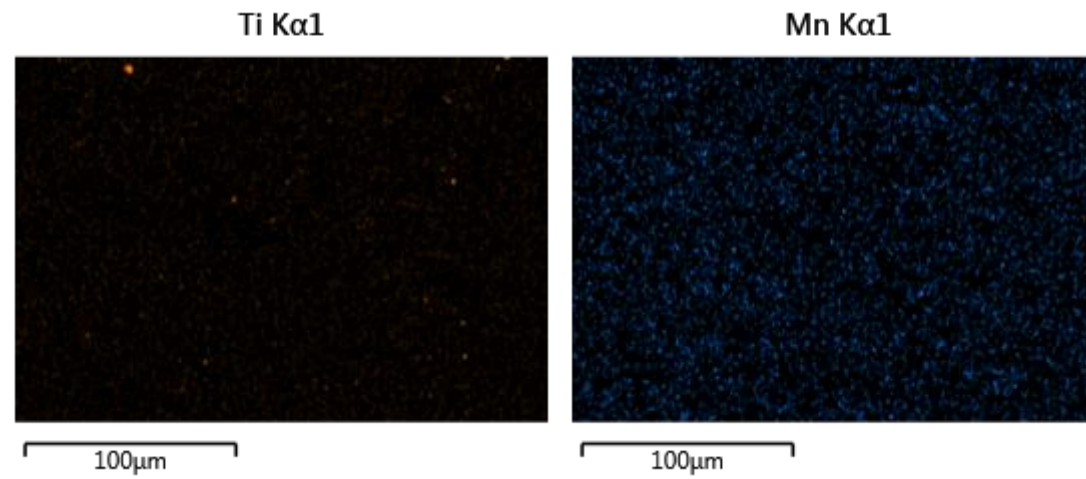


EDS Layered Image 2

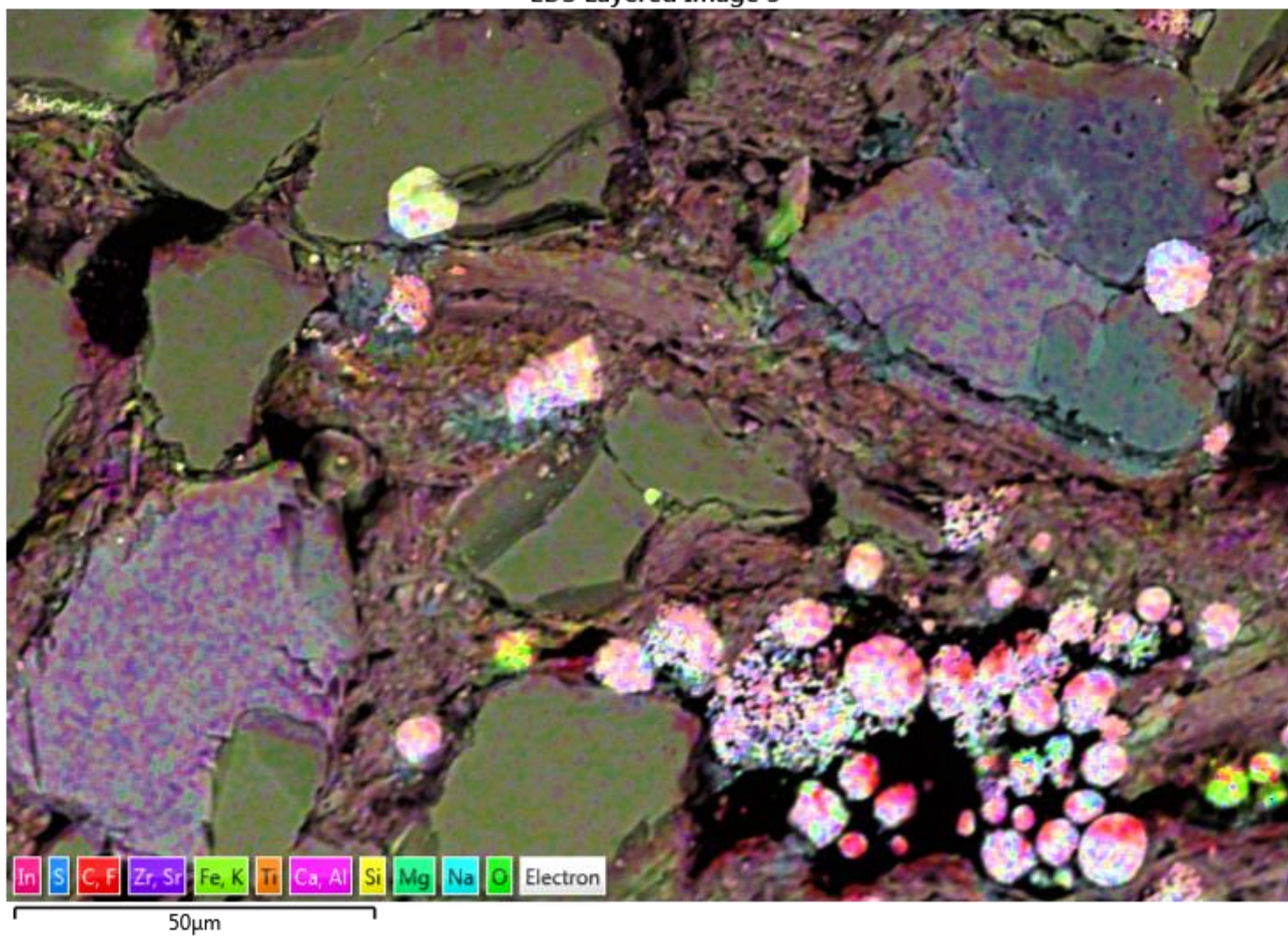


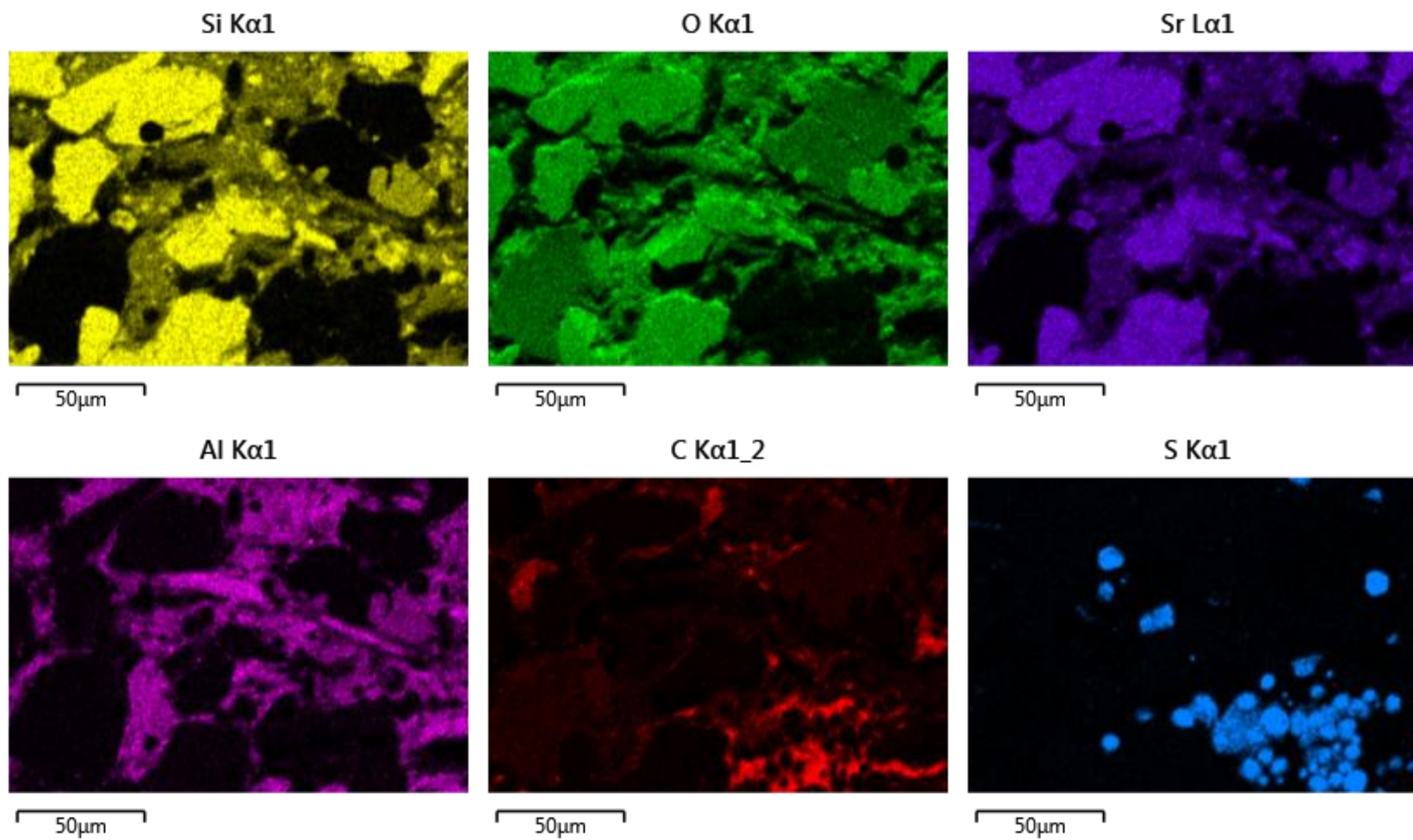


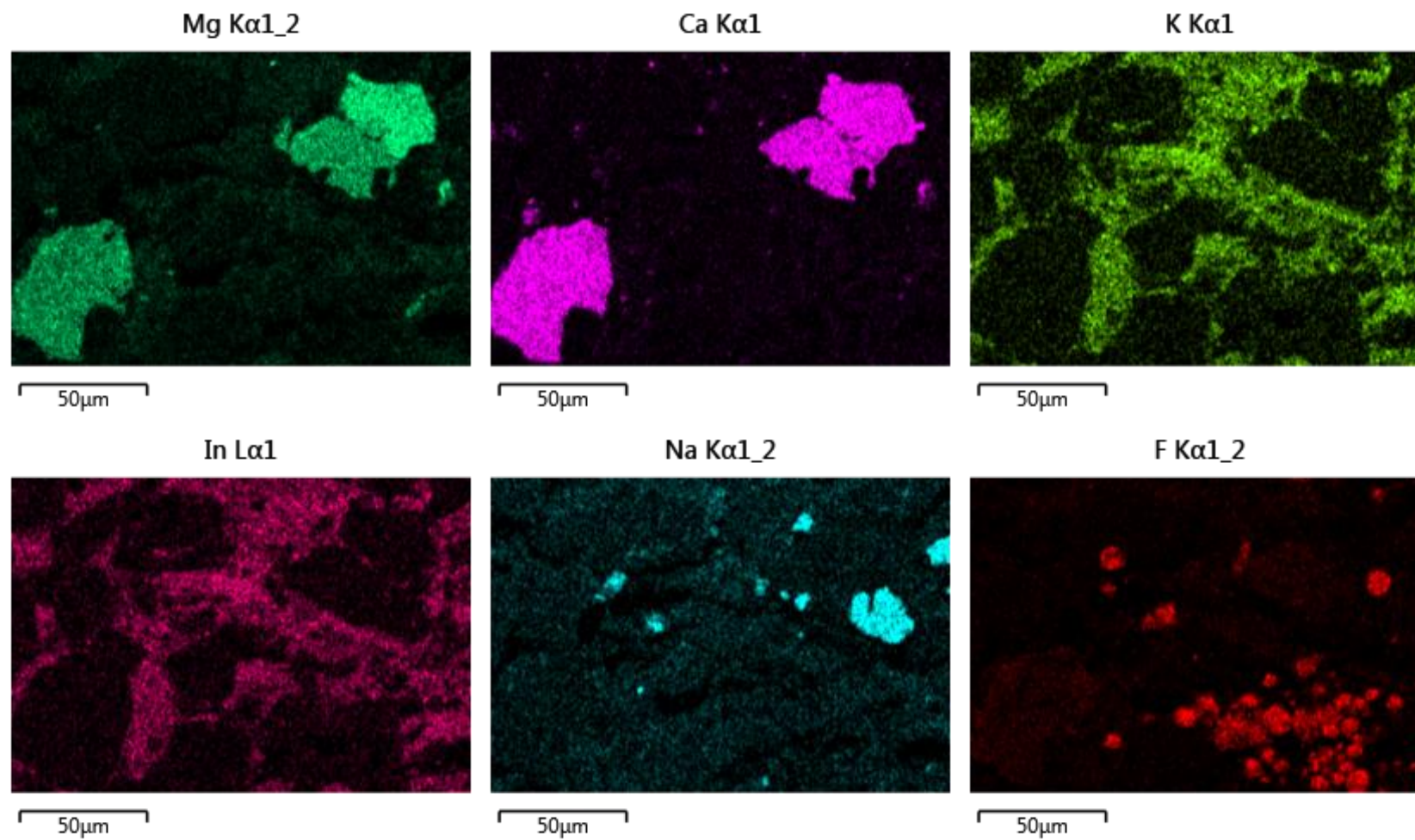


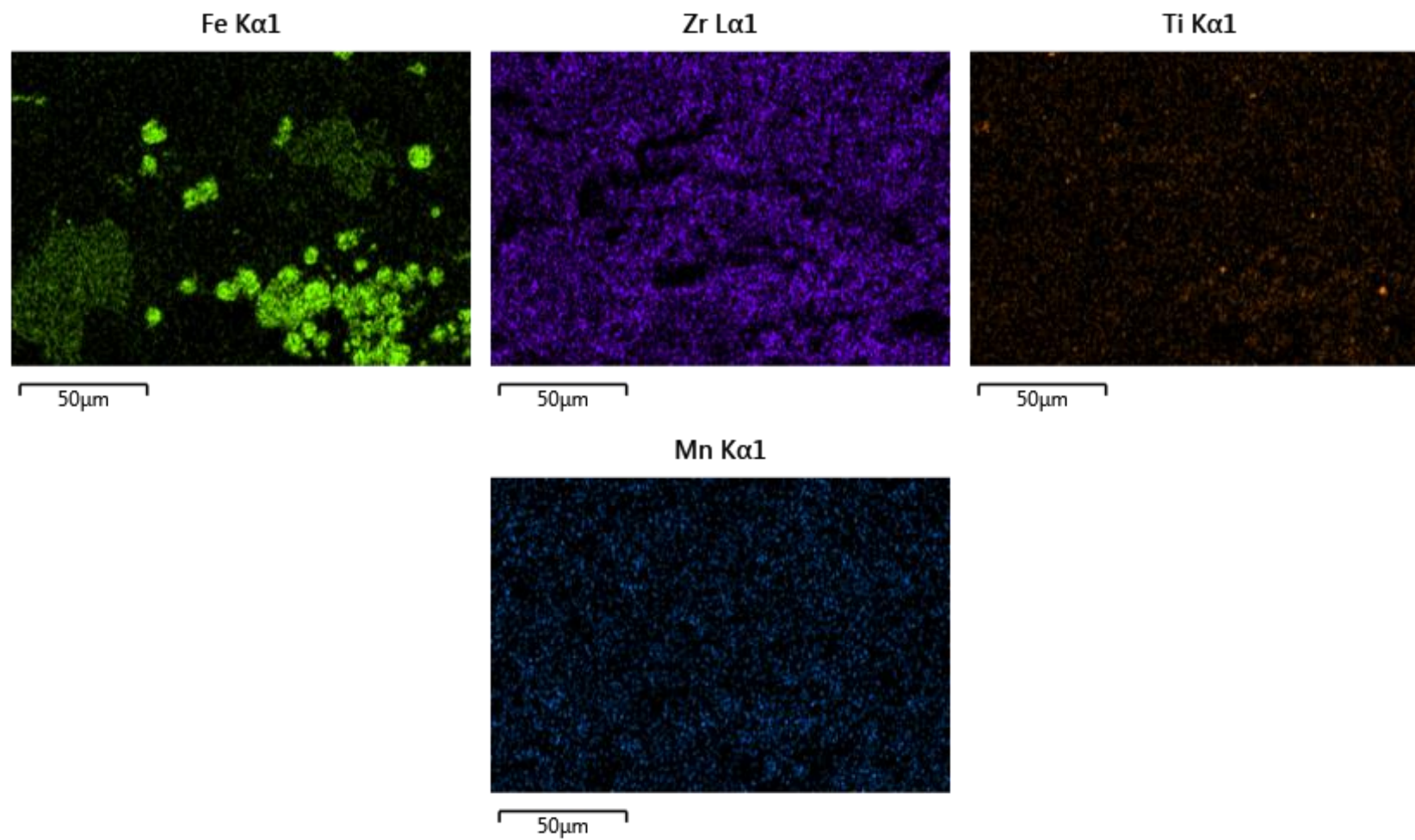


EDS Layered Image 3

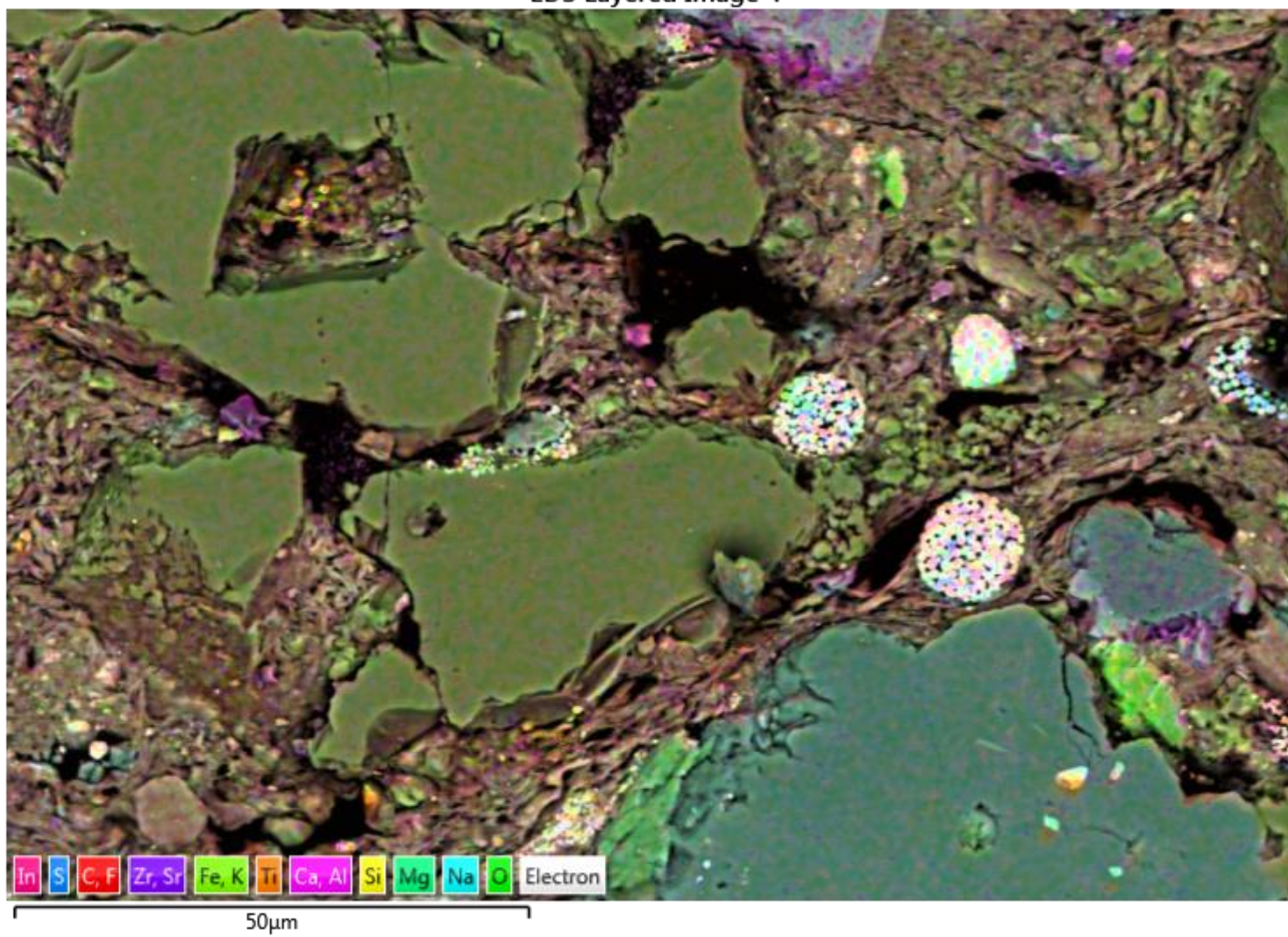


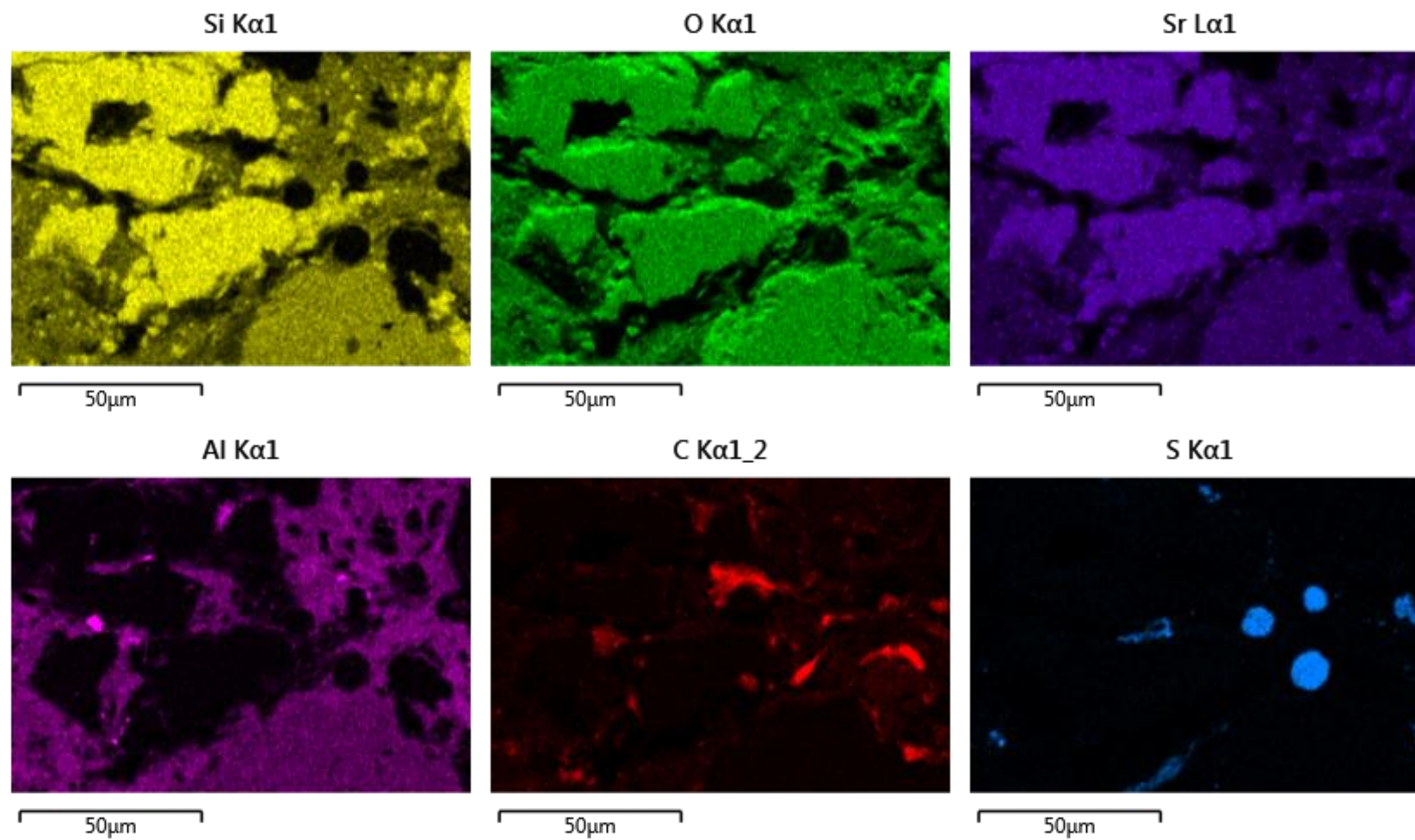


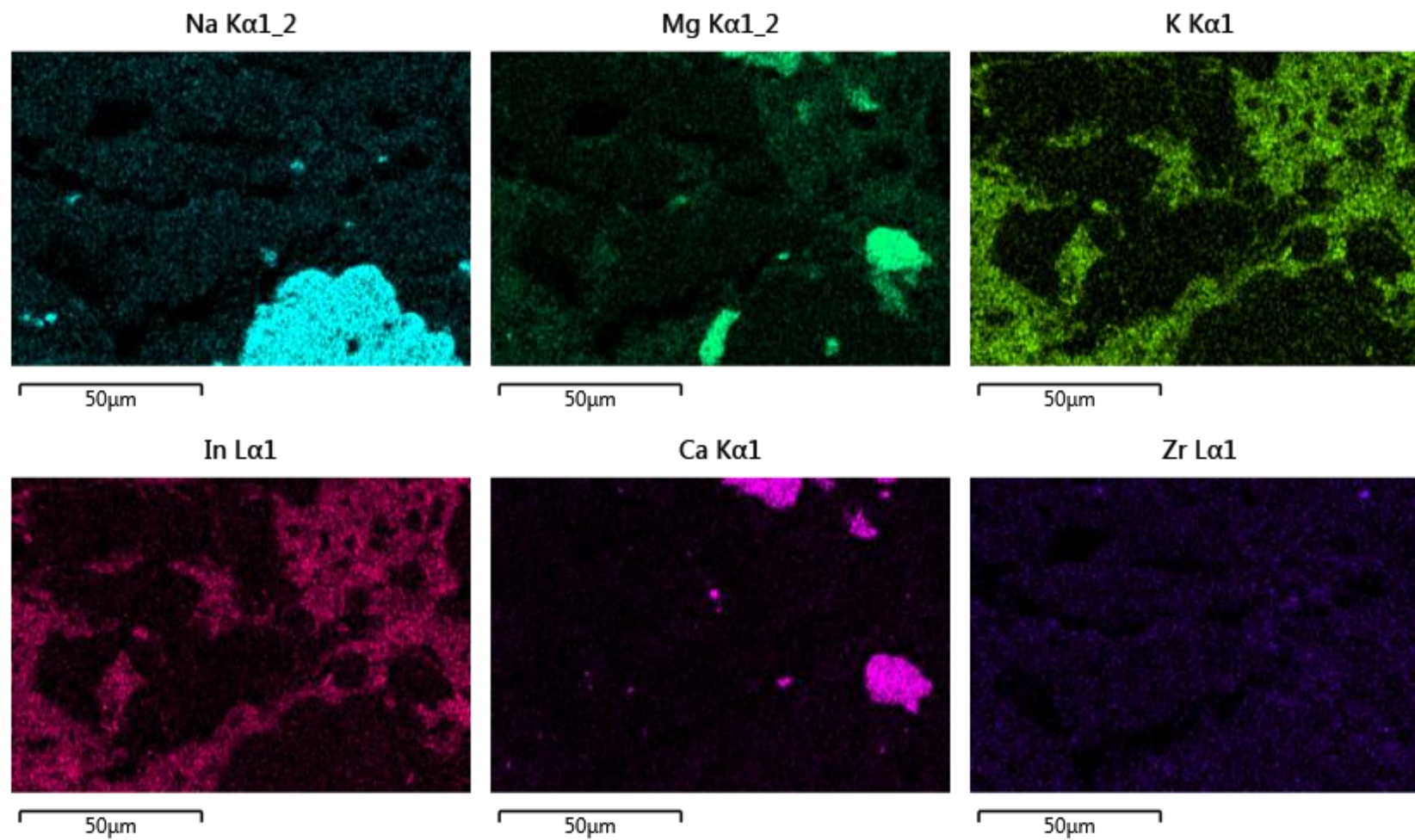


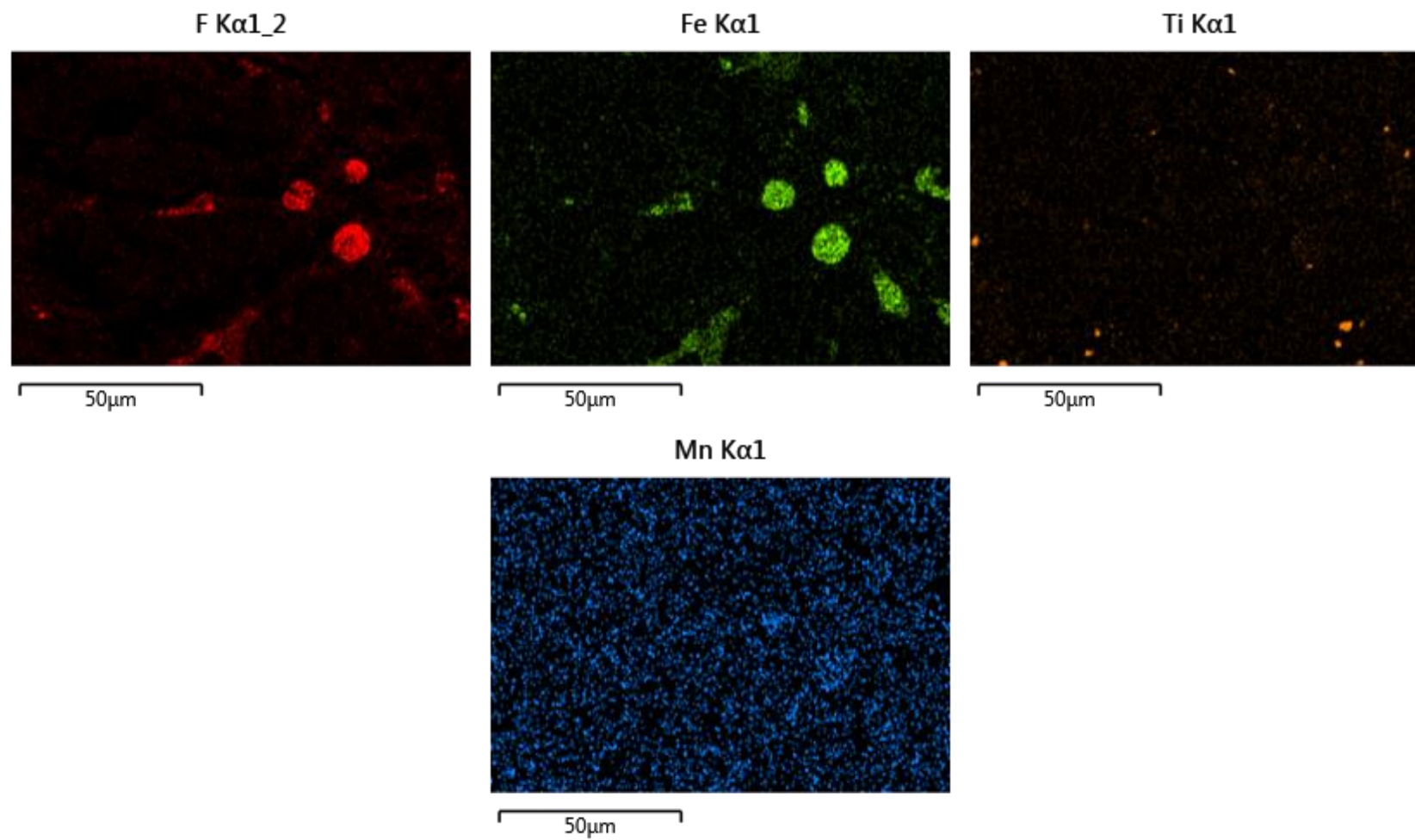


EDS Layered Image 4

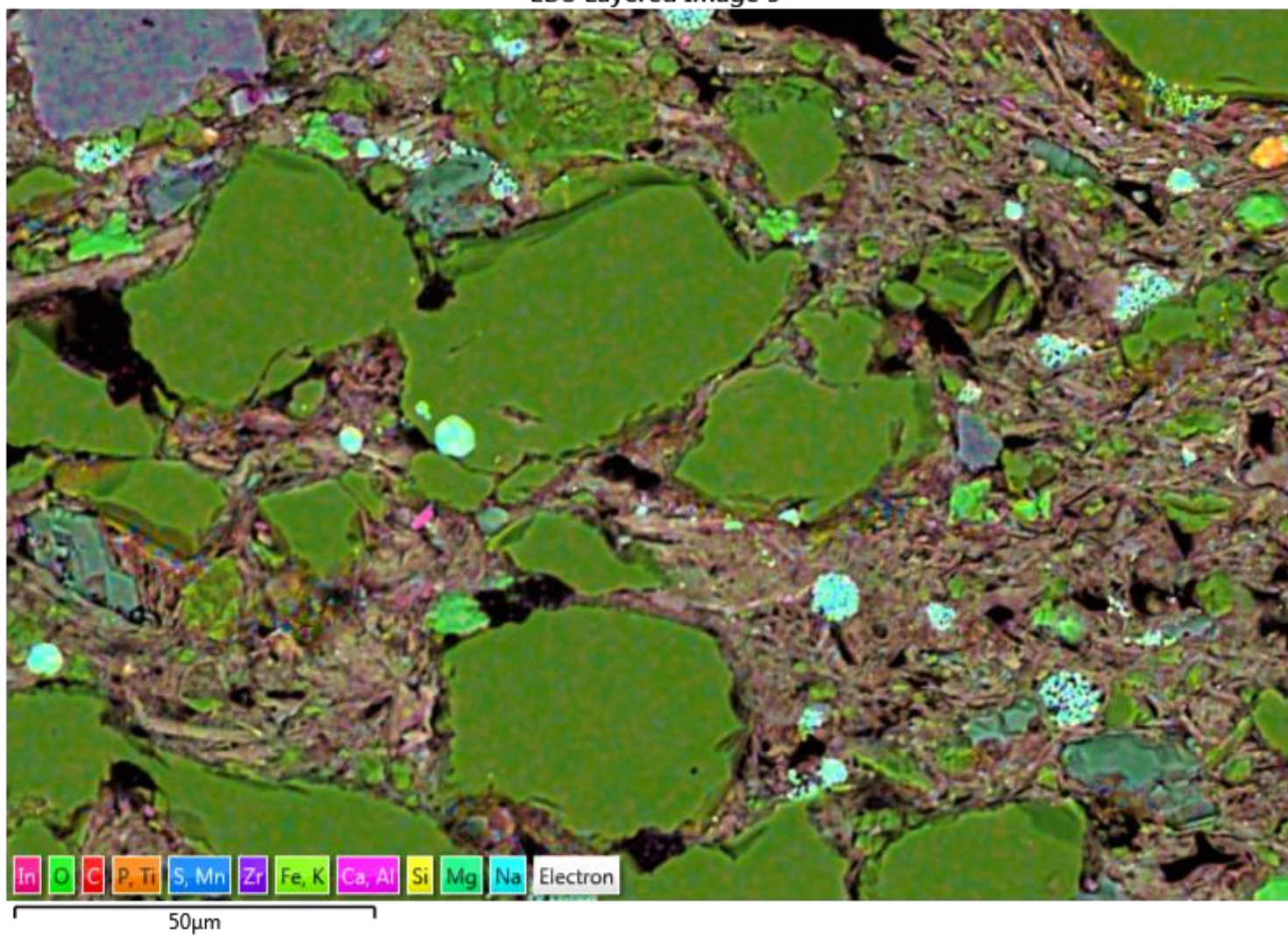


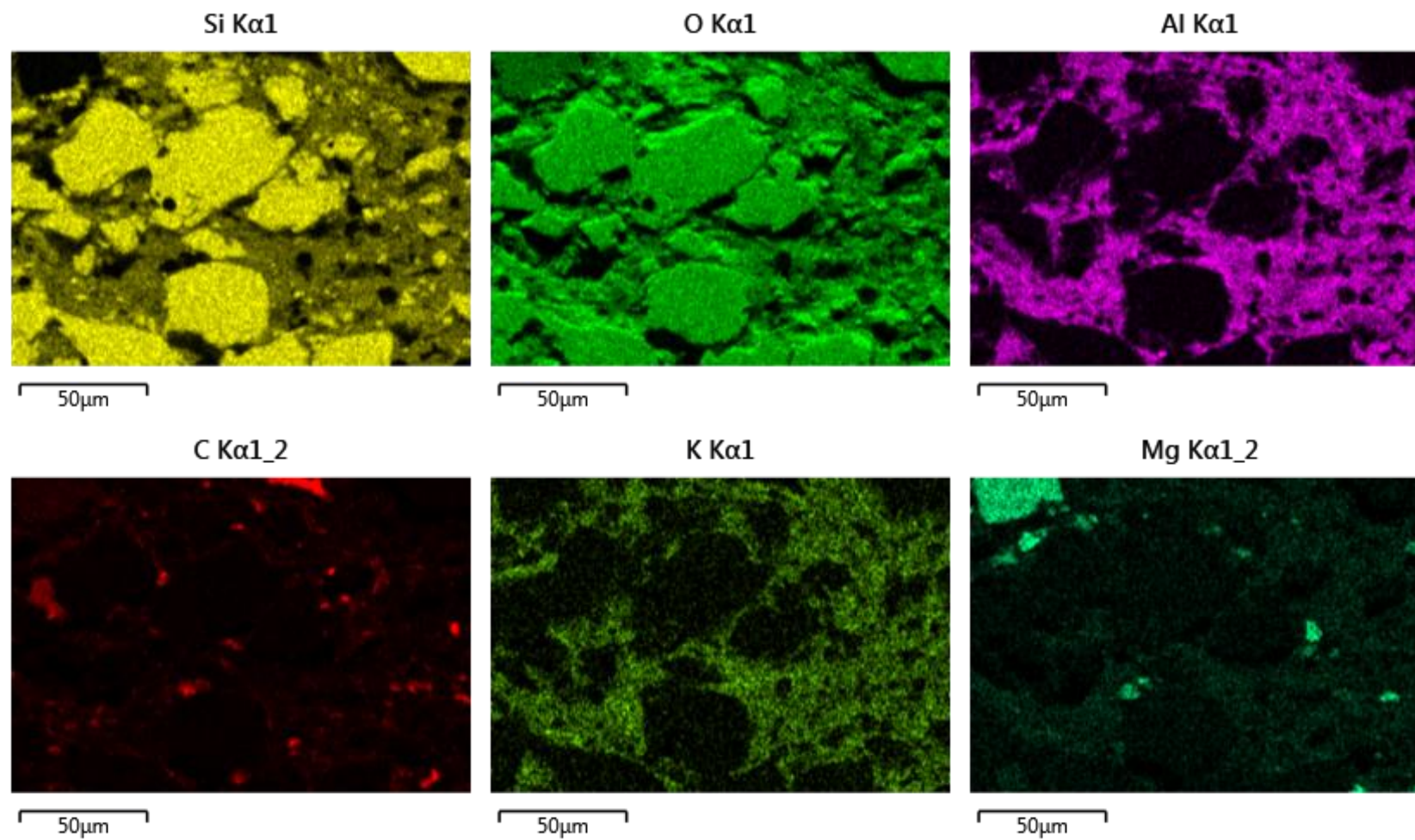


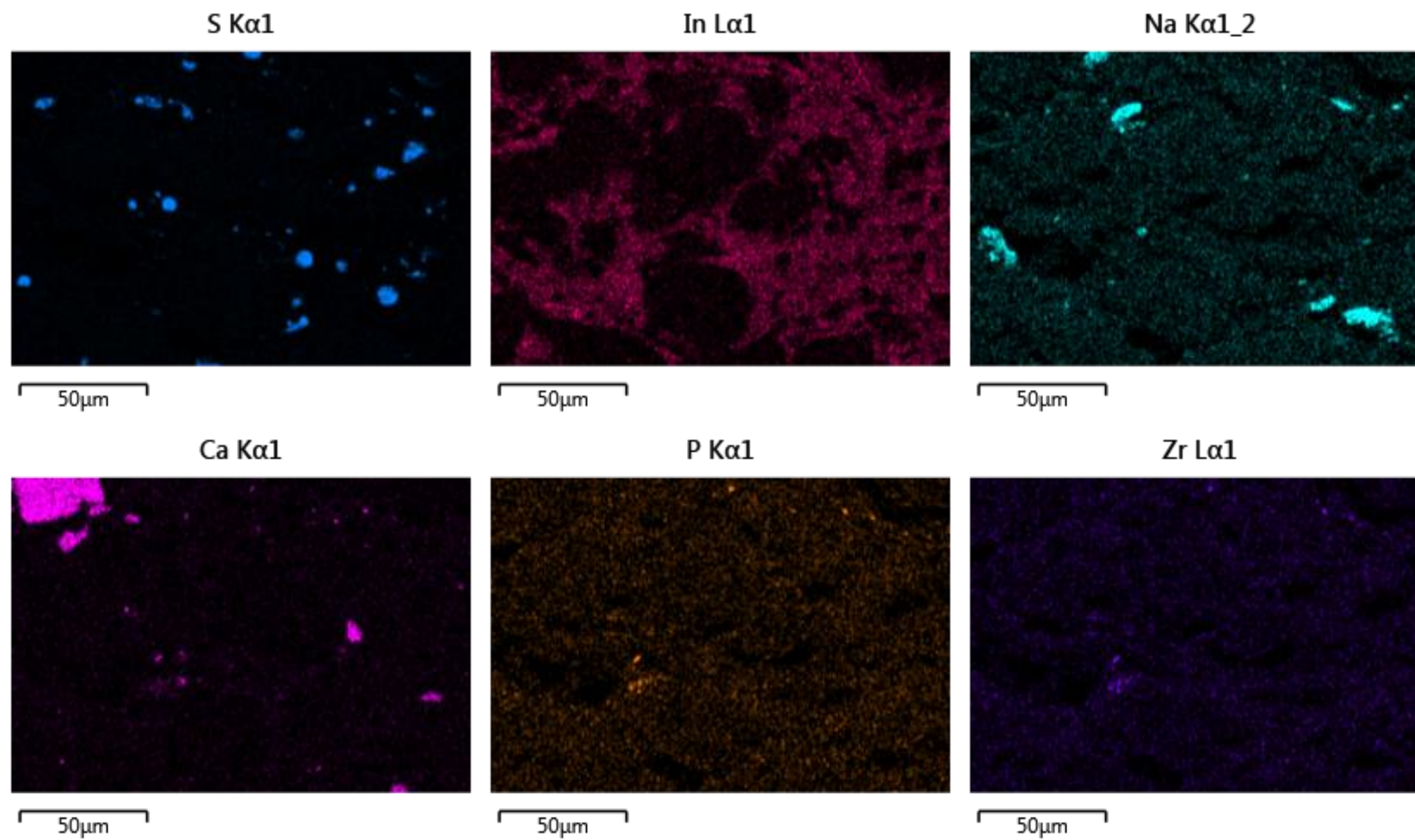


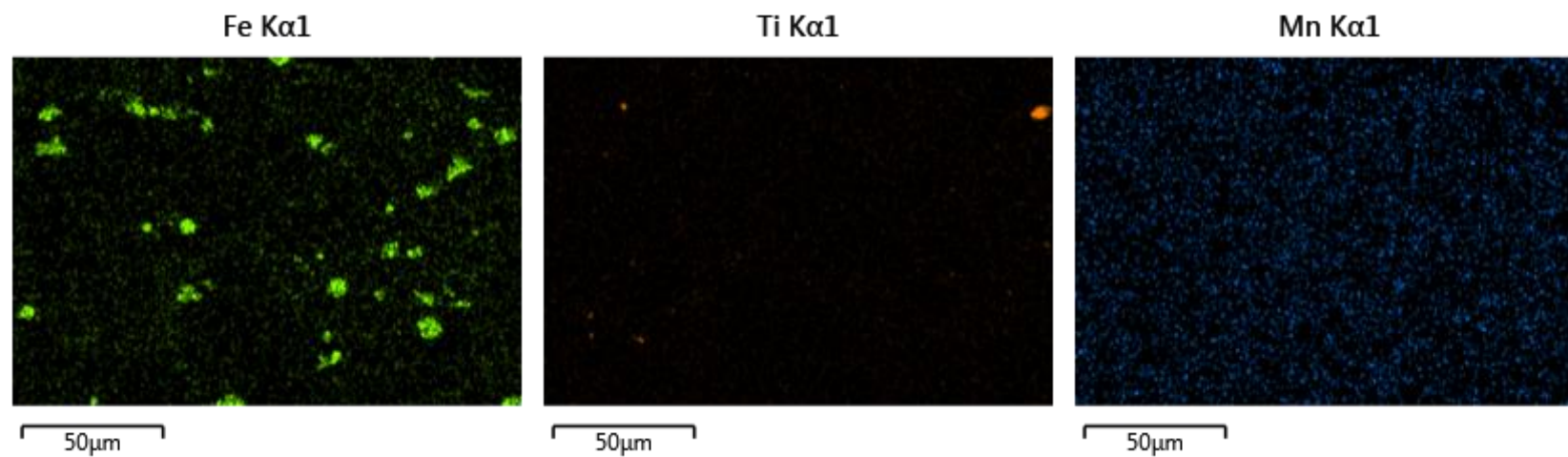


EDS Layered Image 5



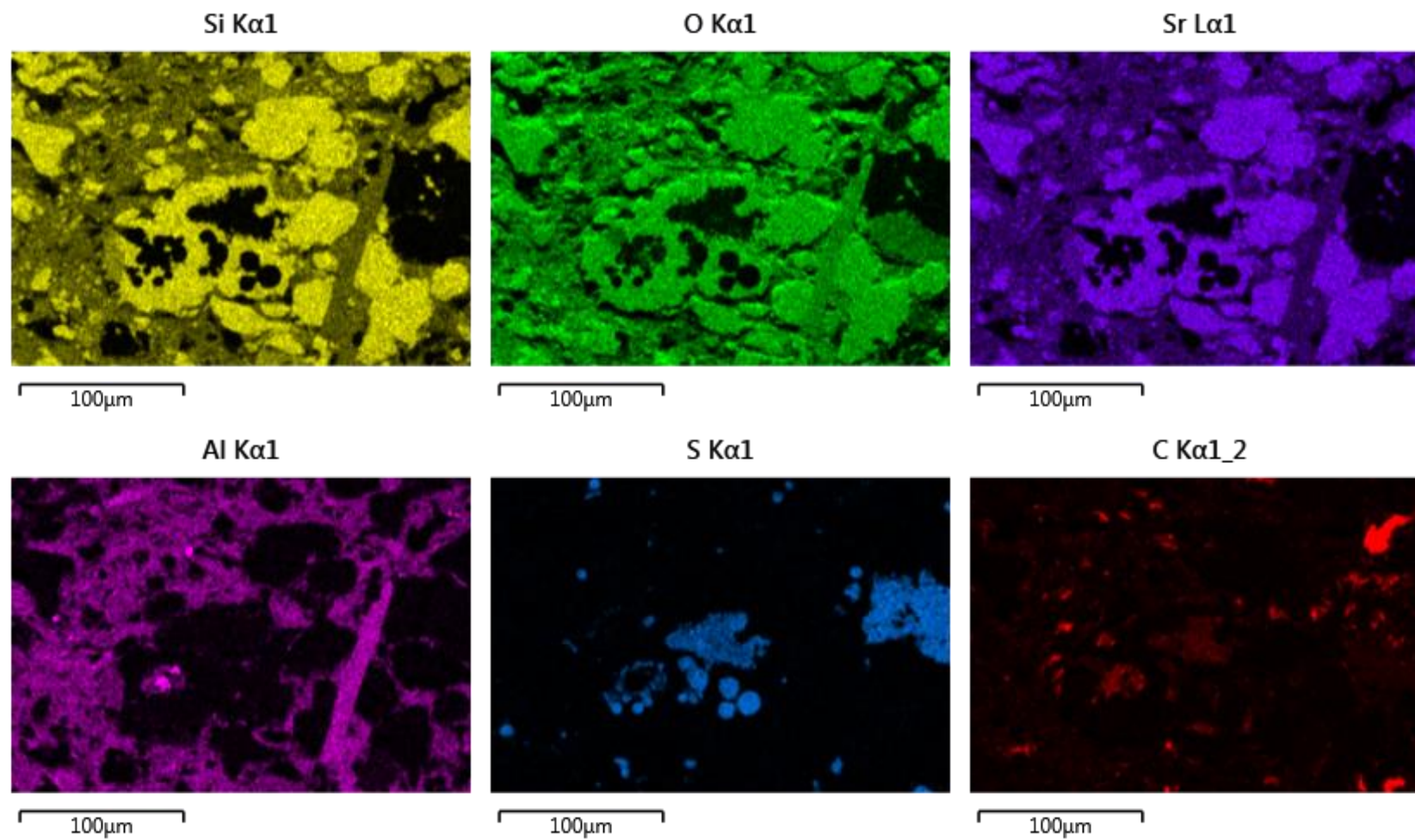


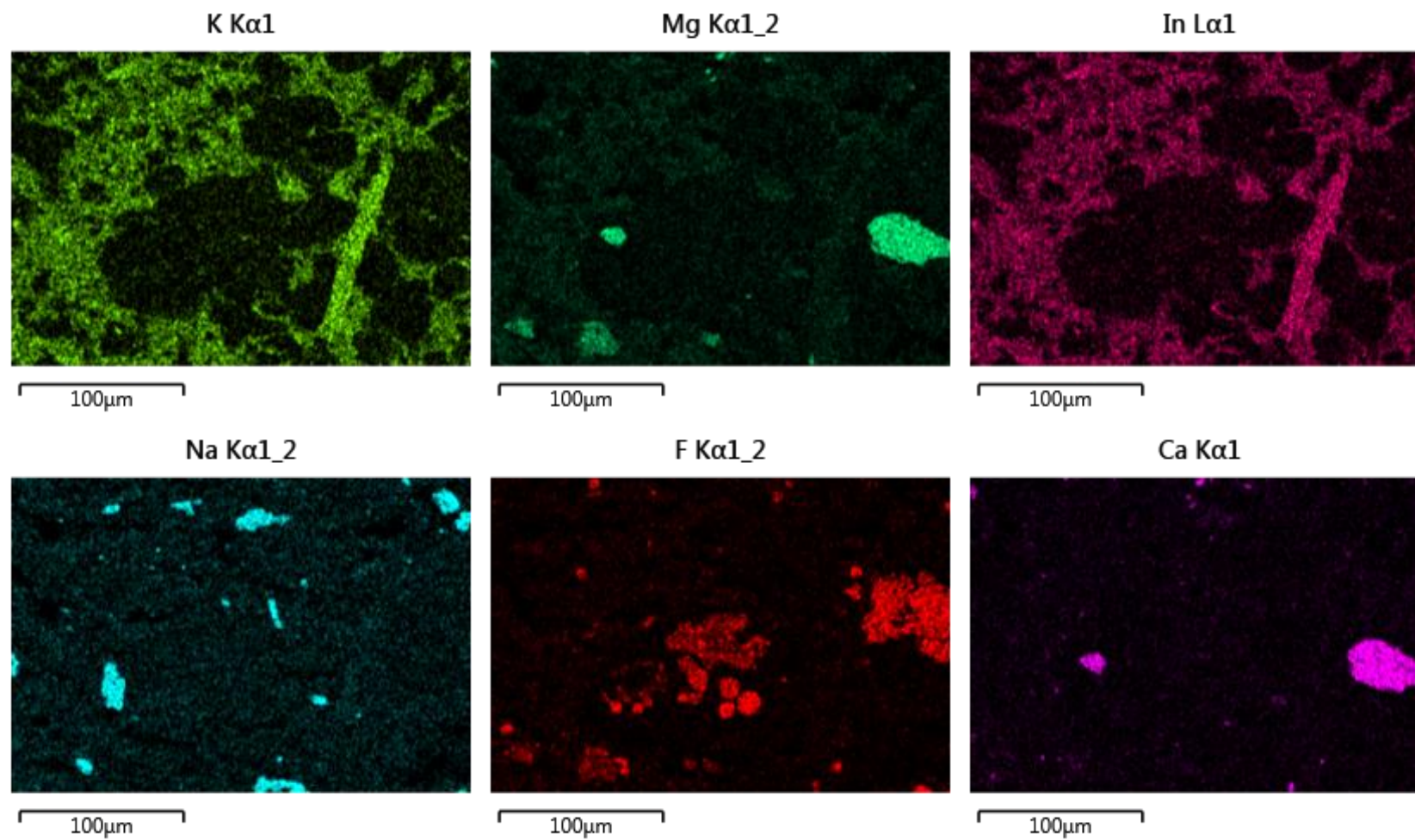


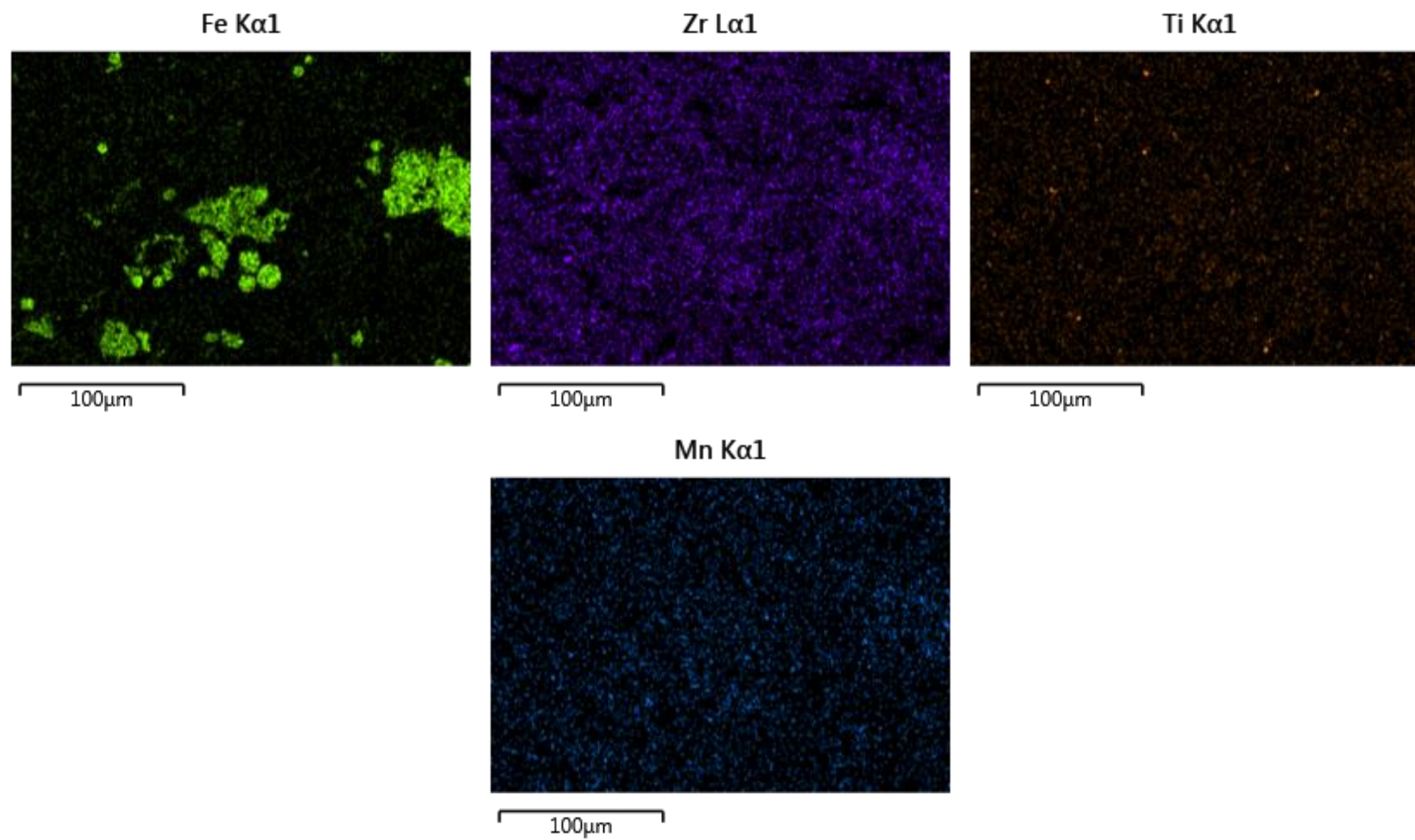


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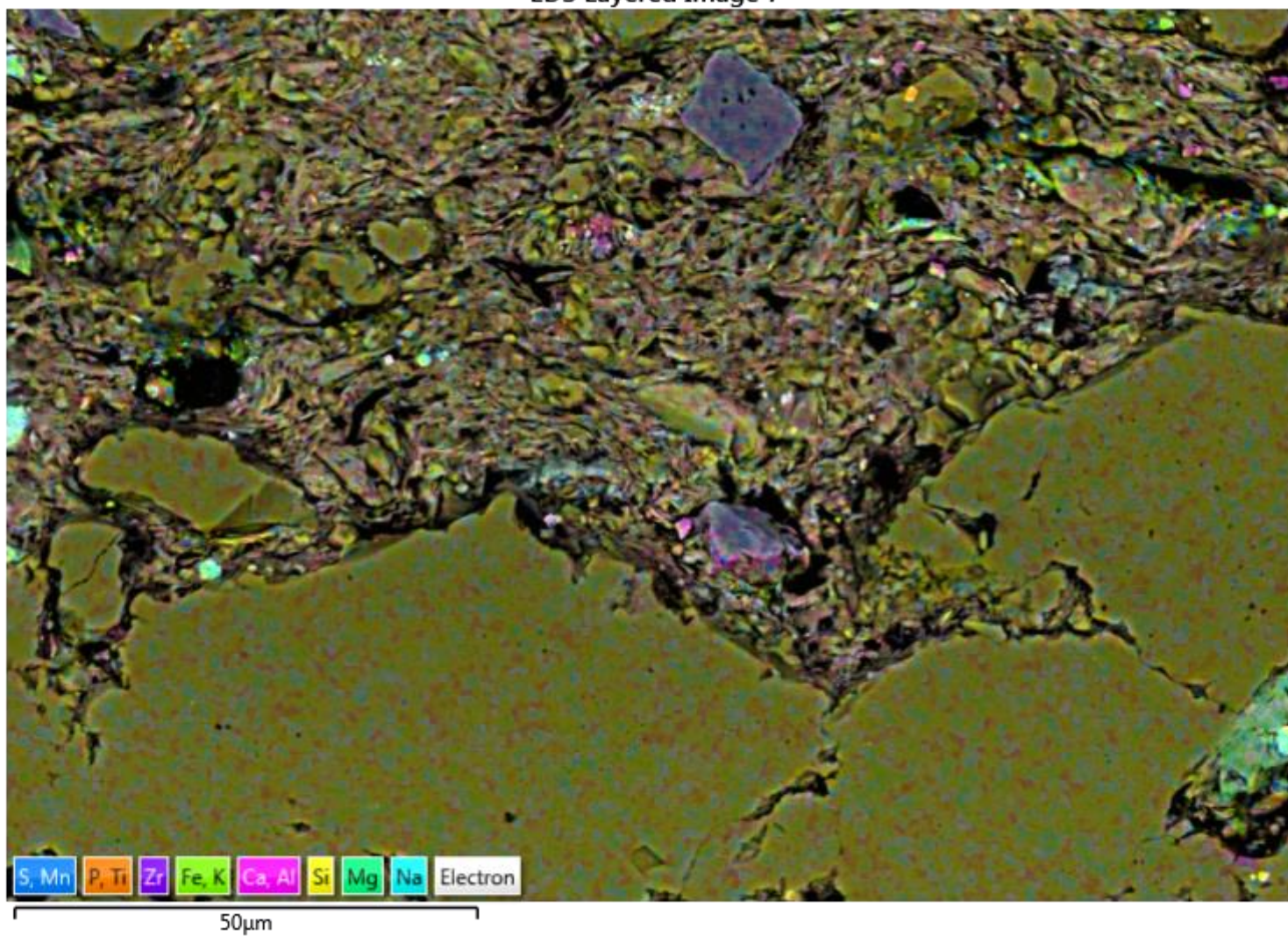


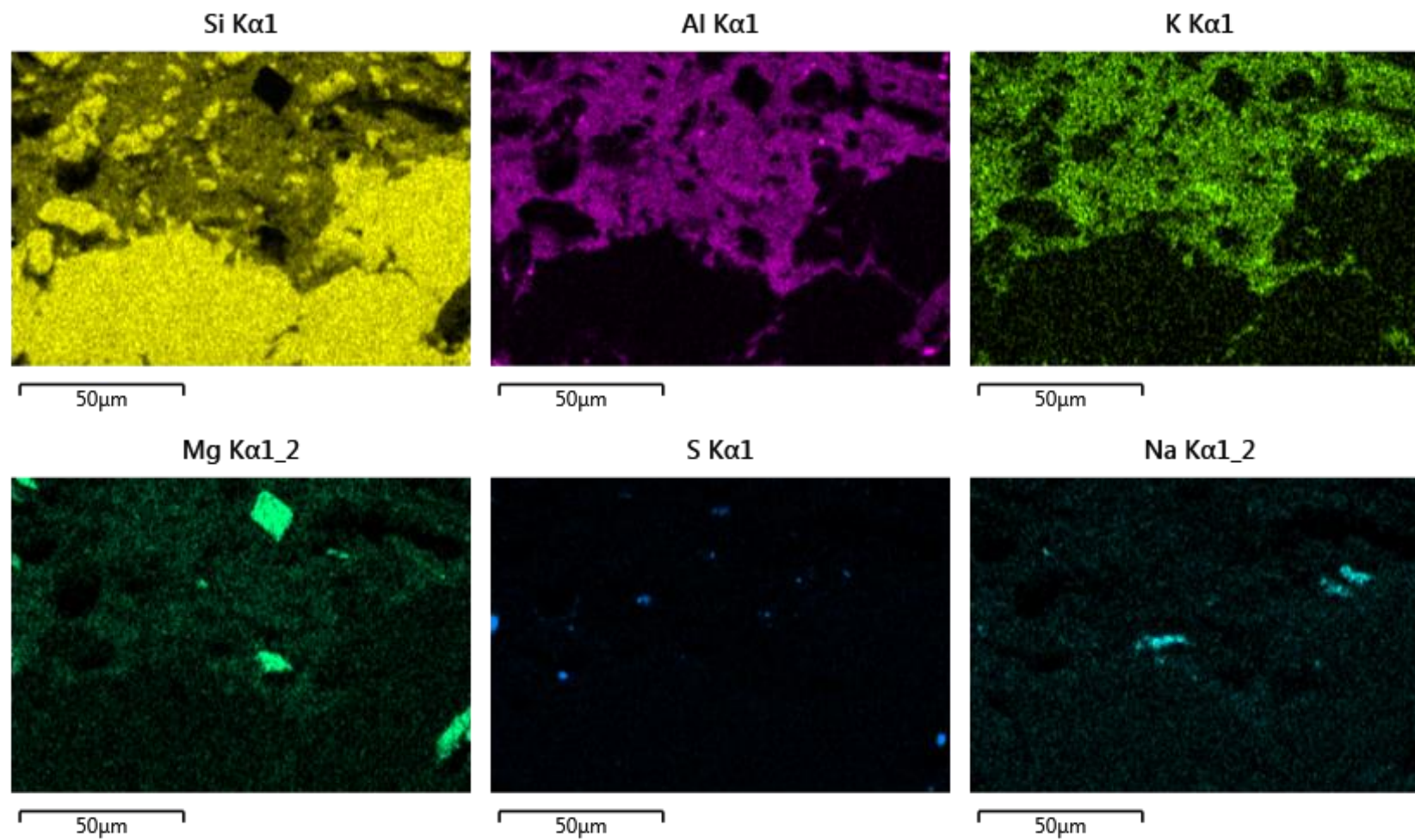


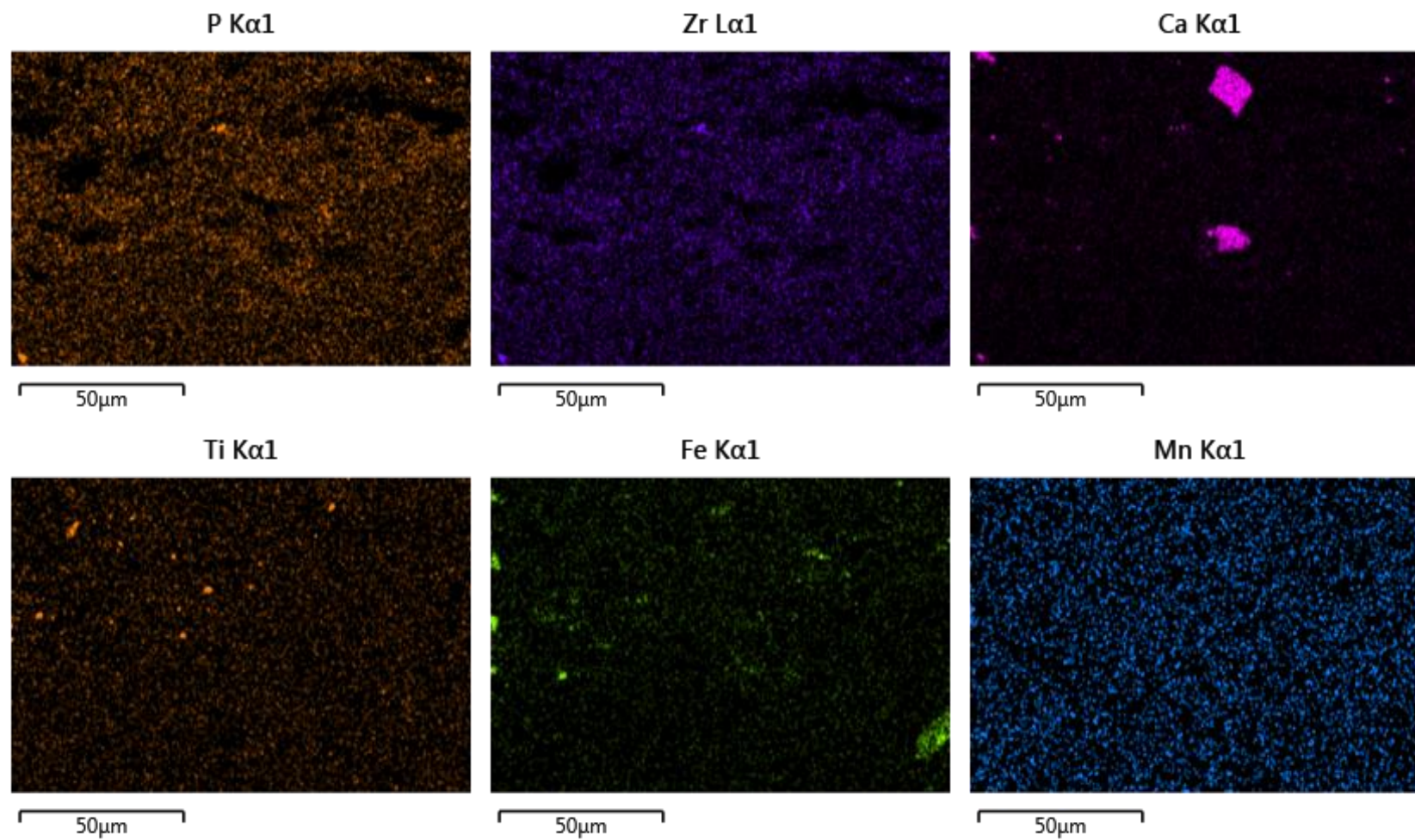




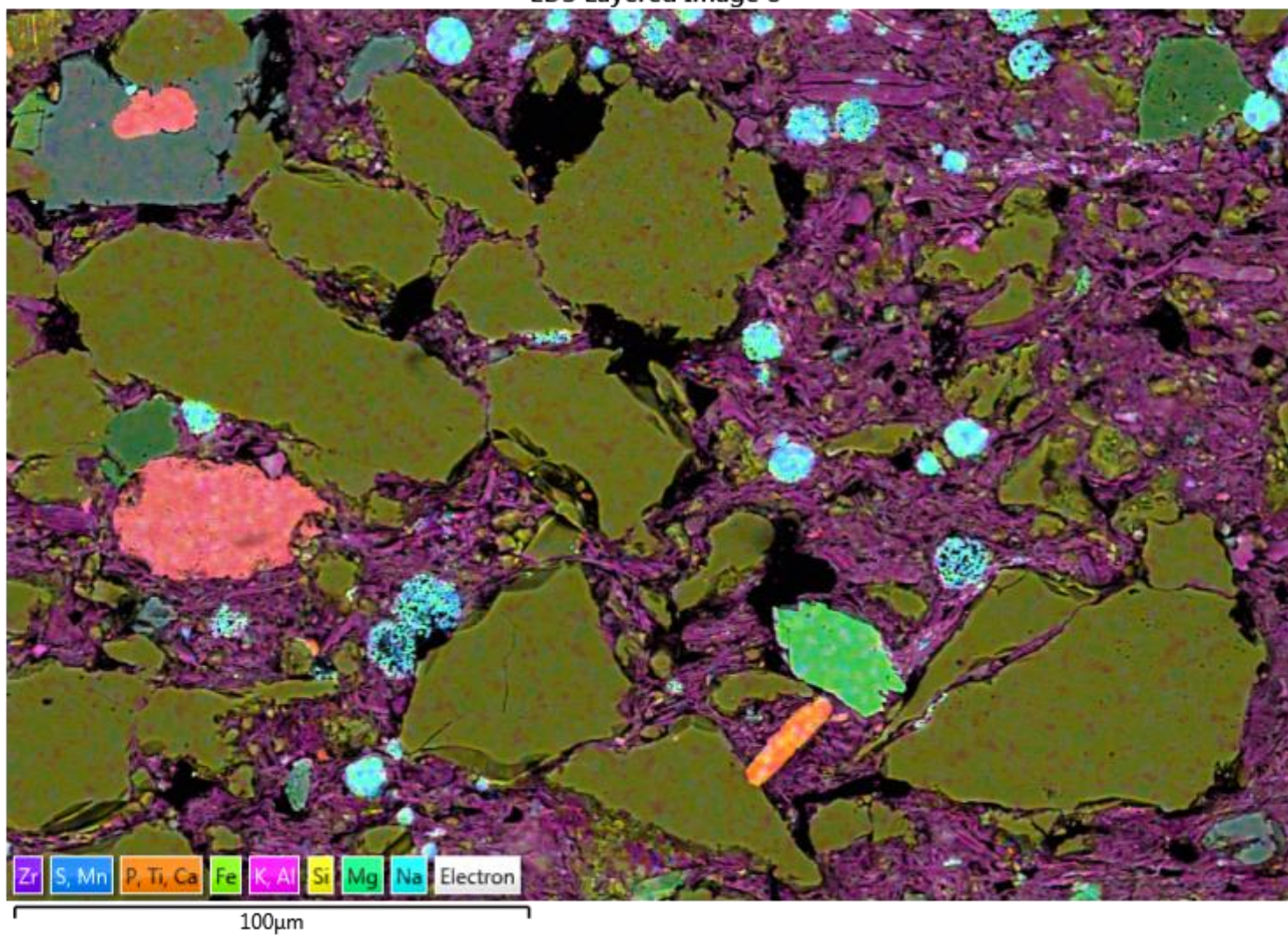
EDS Layered Image 7

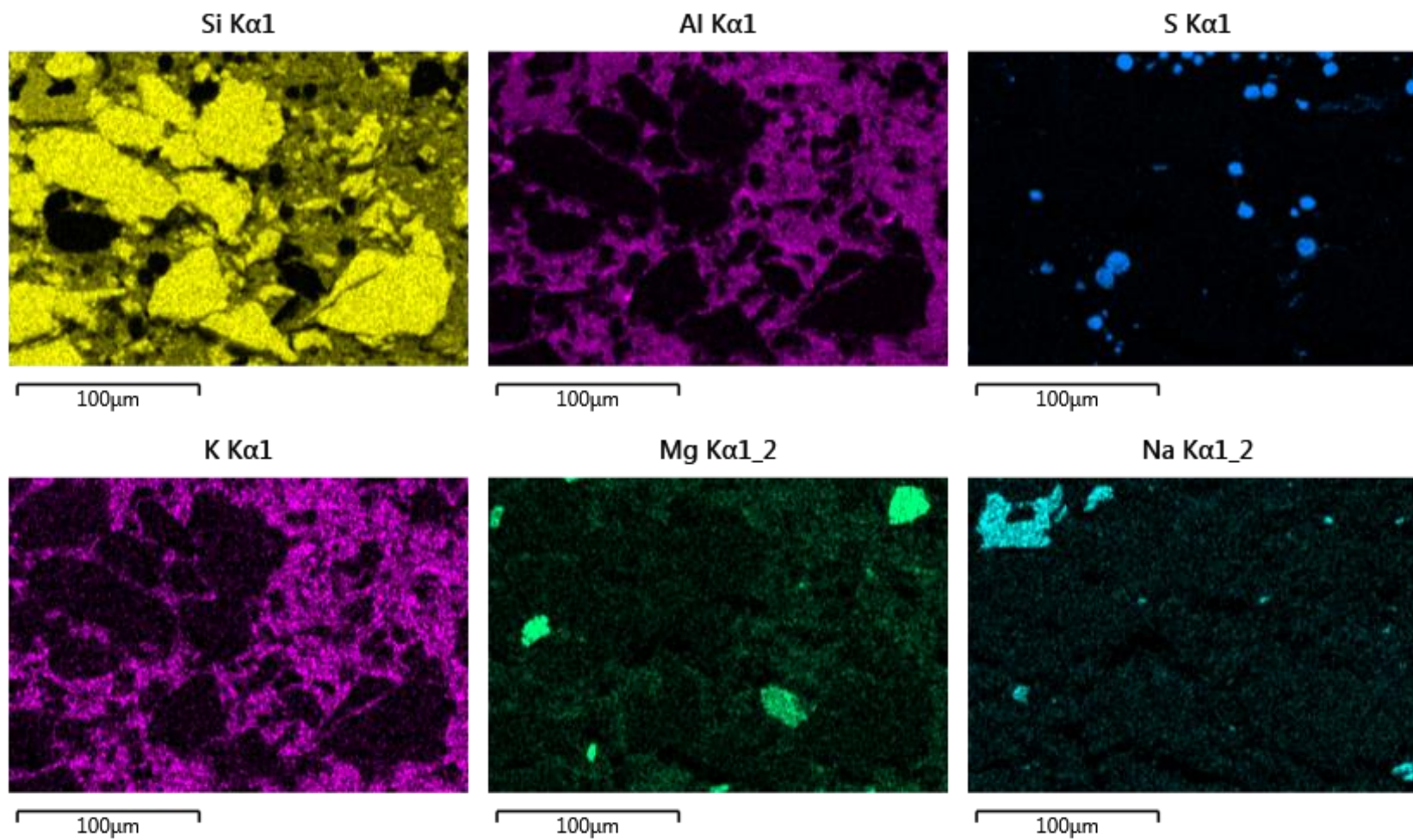


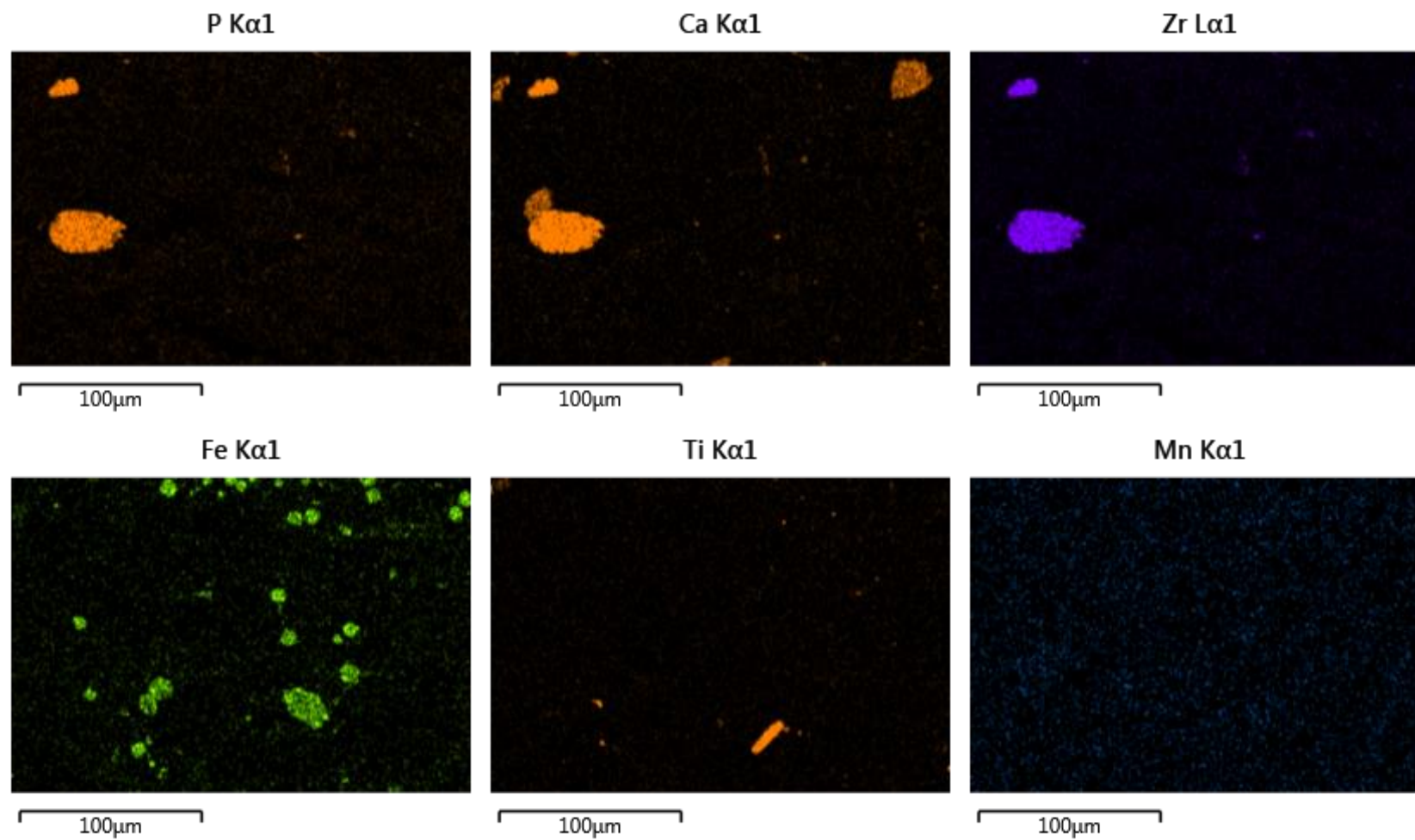




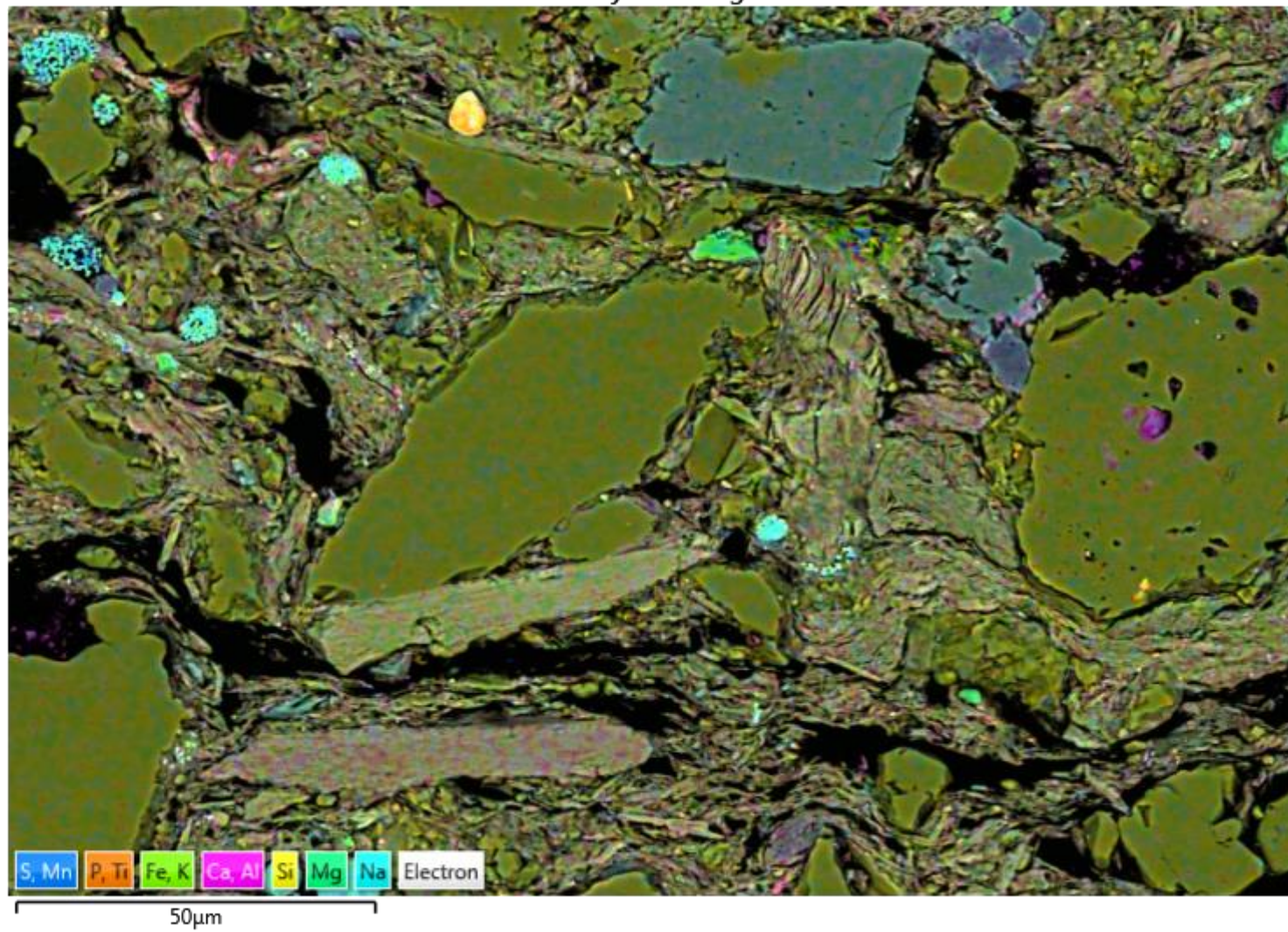
EDS Layered Image 8

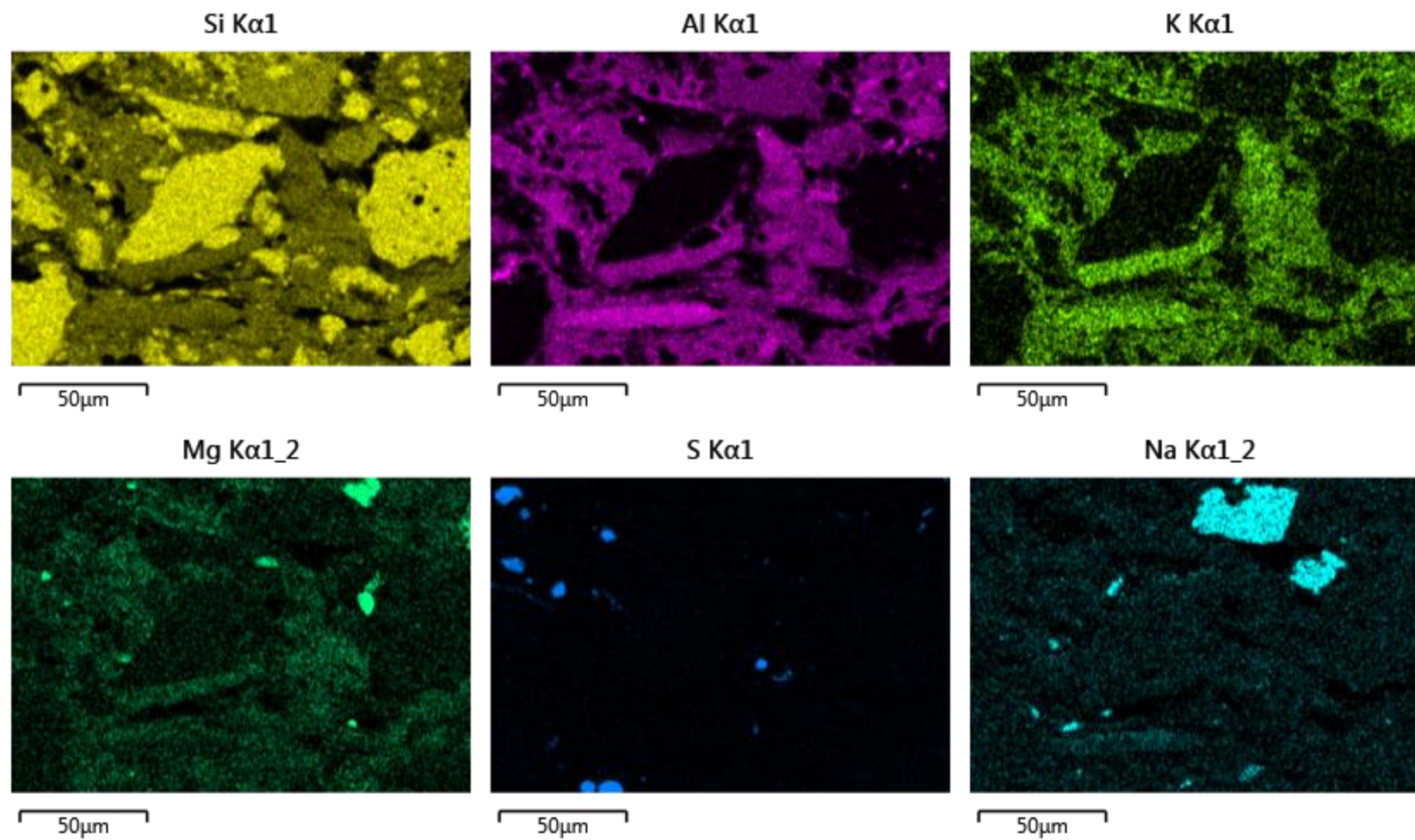


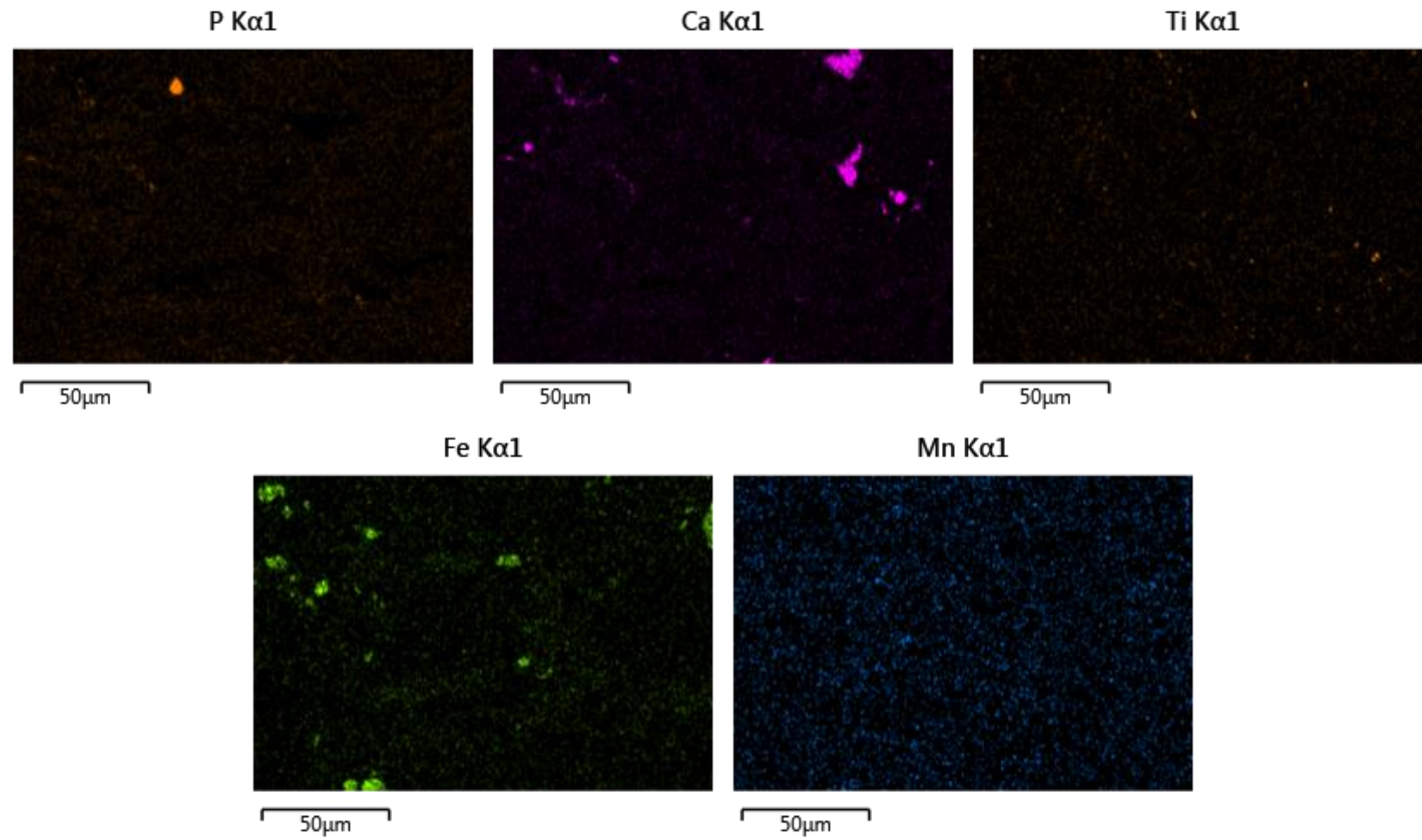




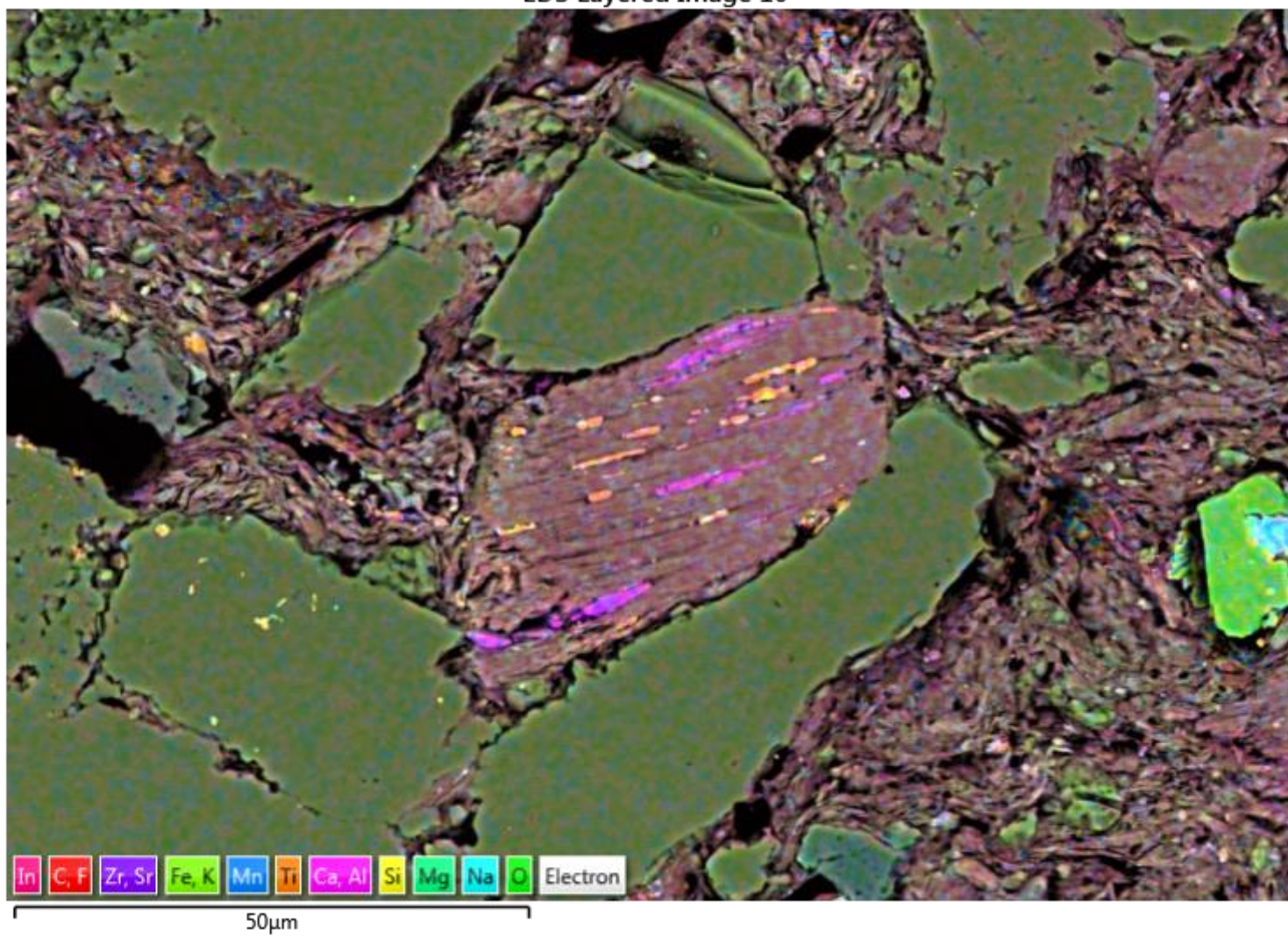
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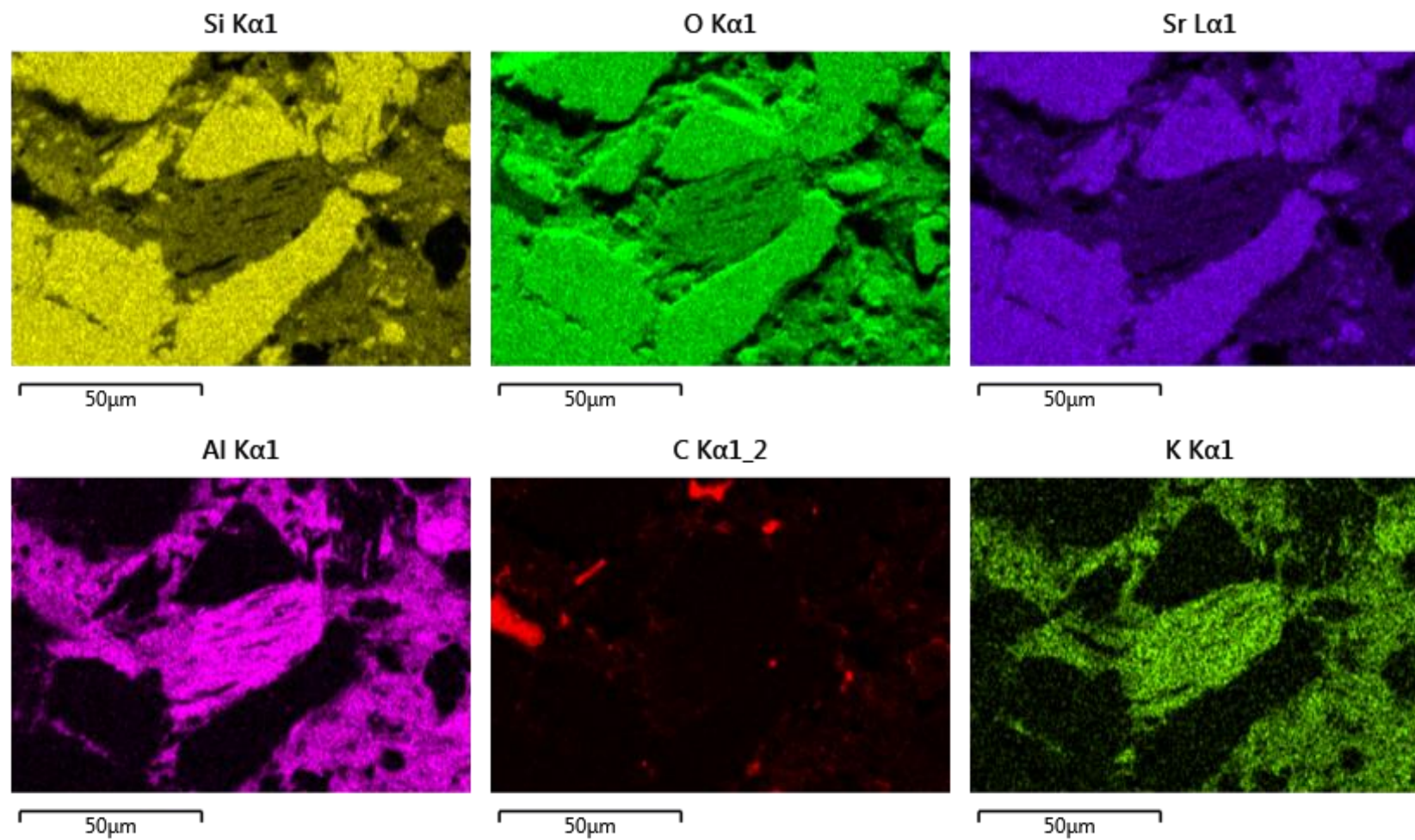


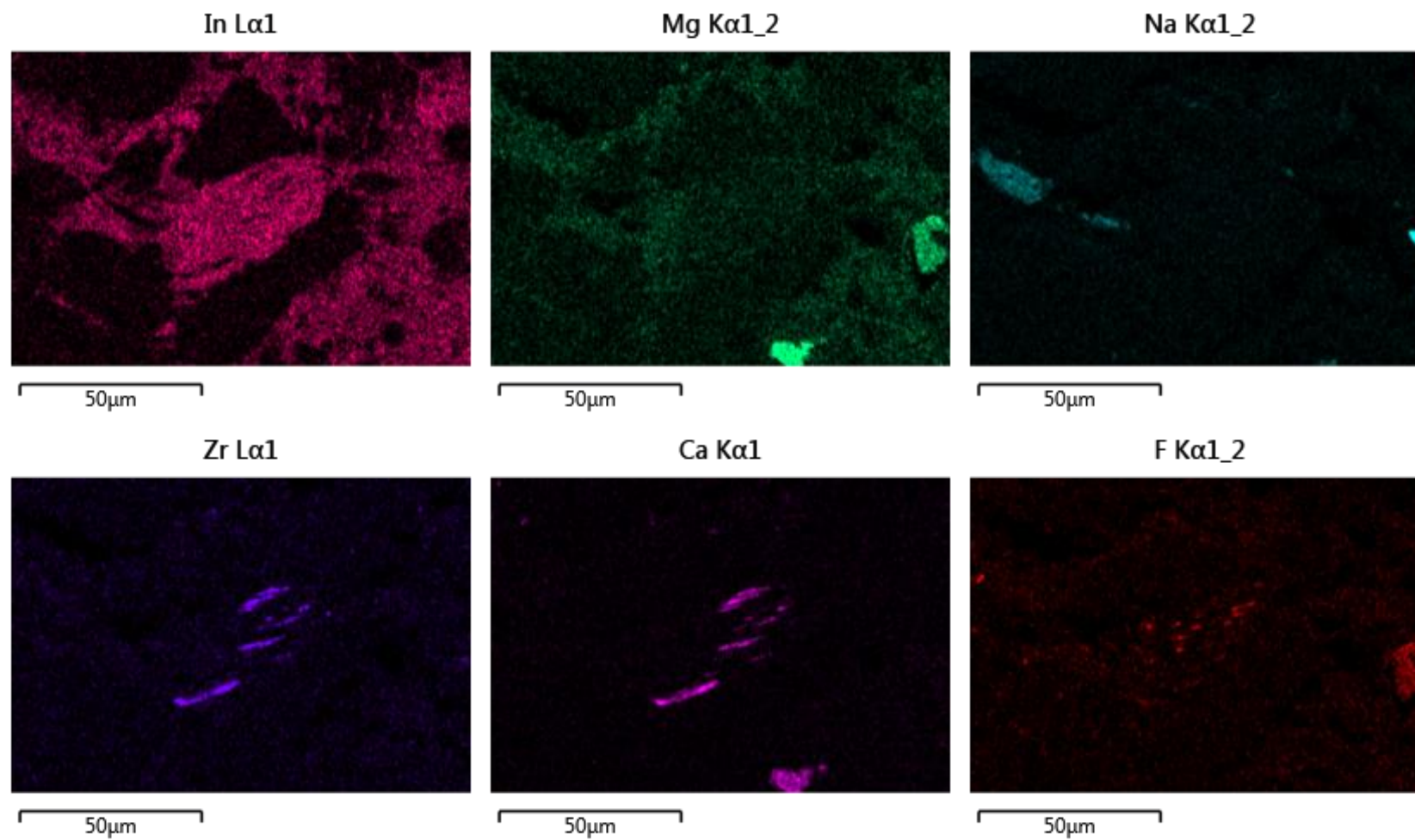


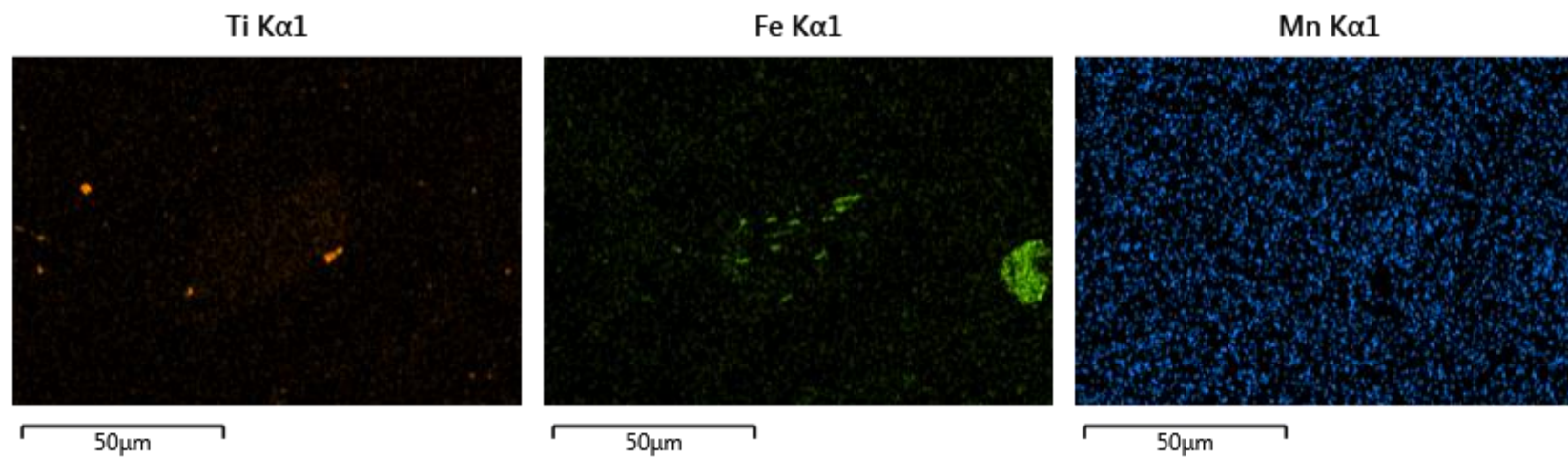


EDS Layered Image 10

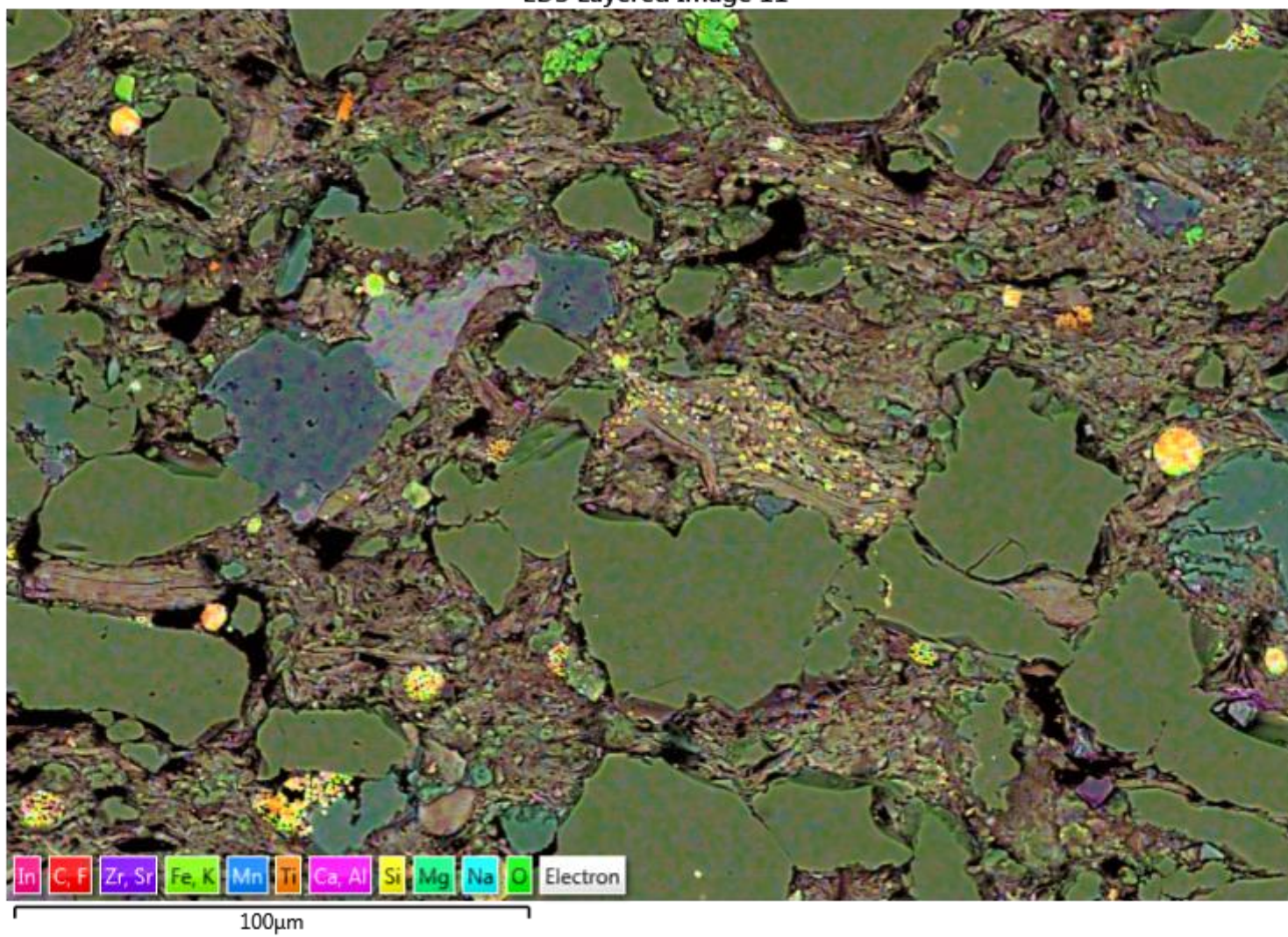


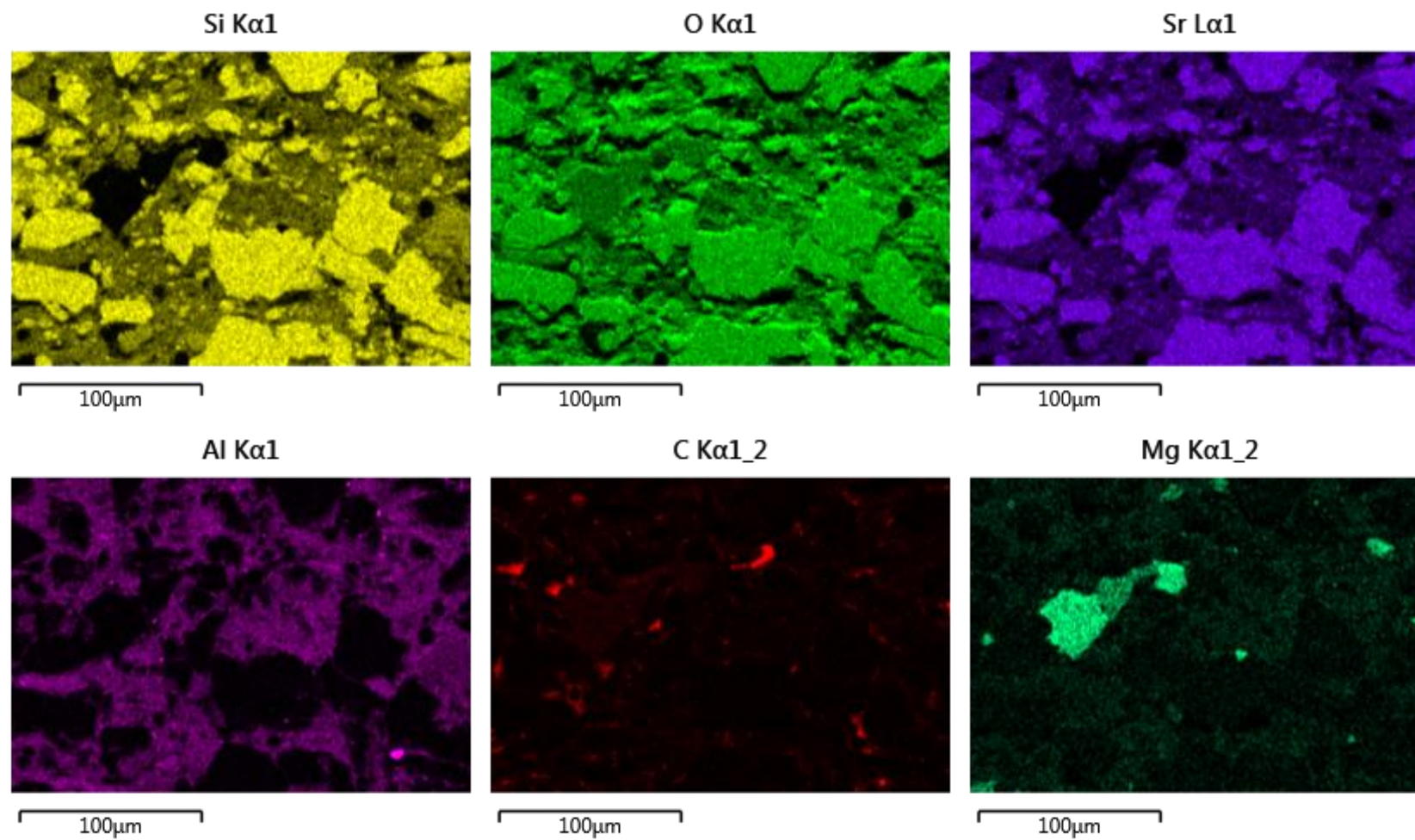


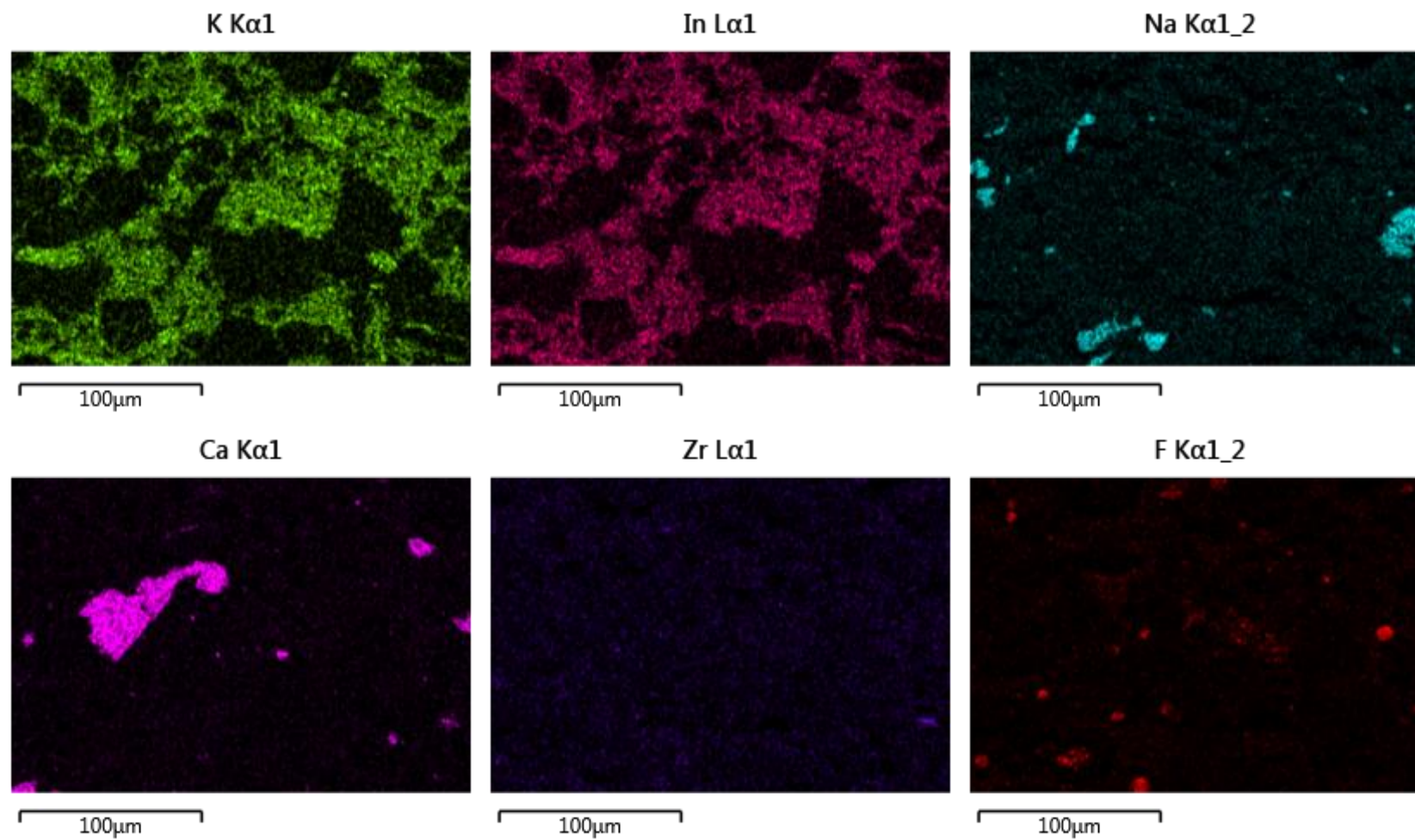


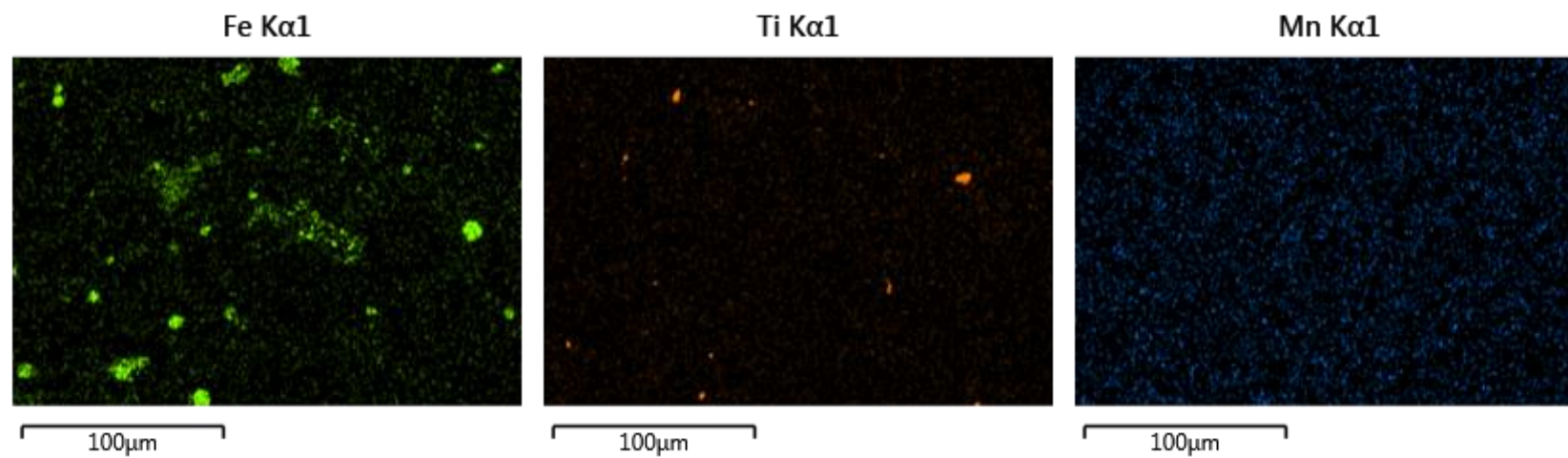


EDS Layered Image 11

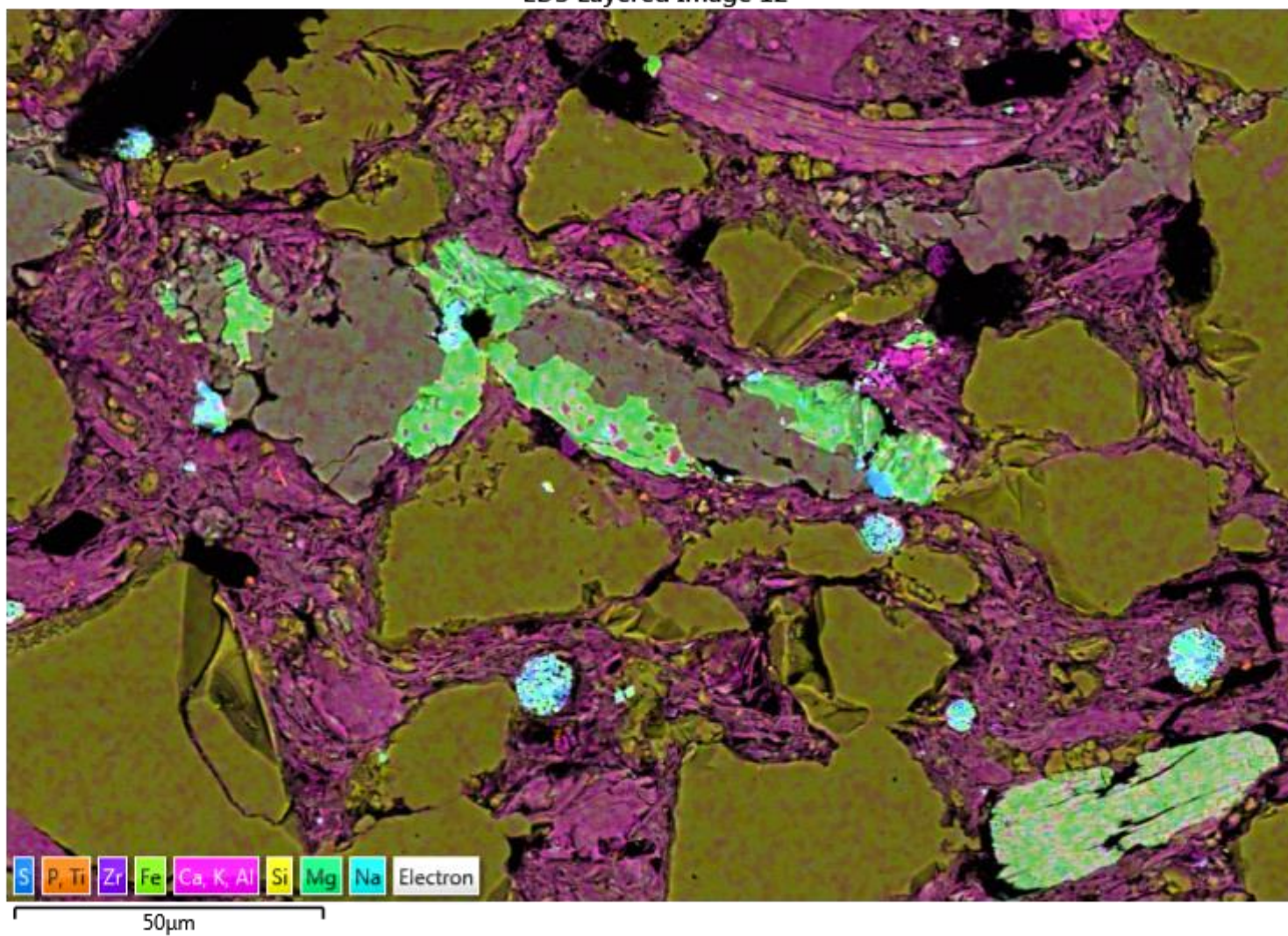


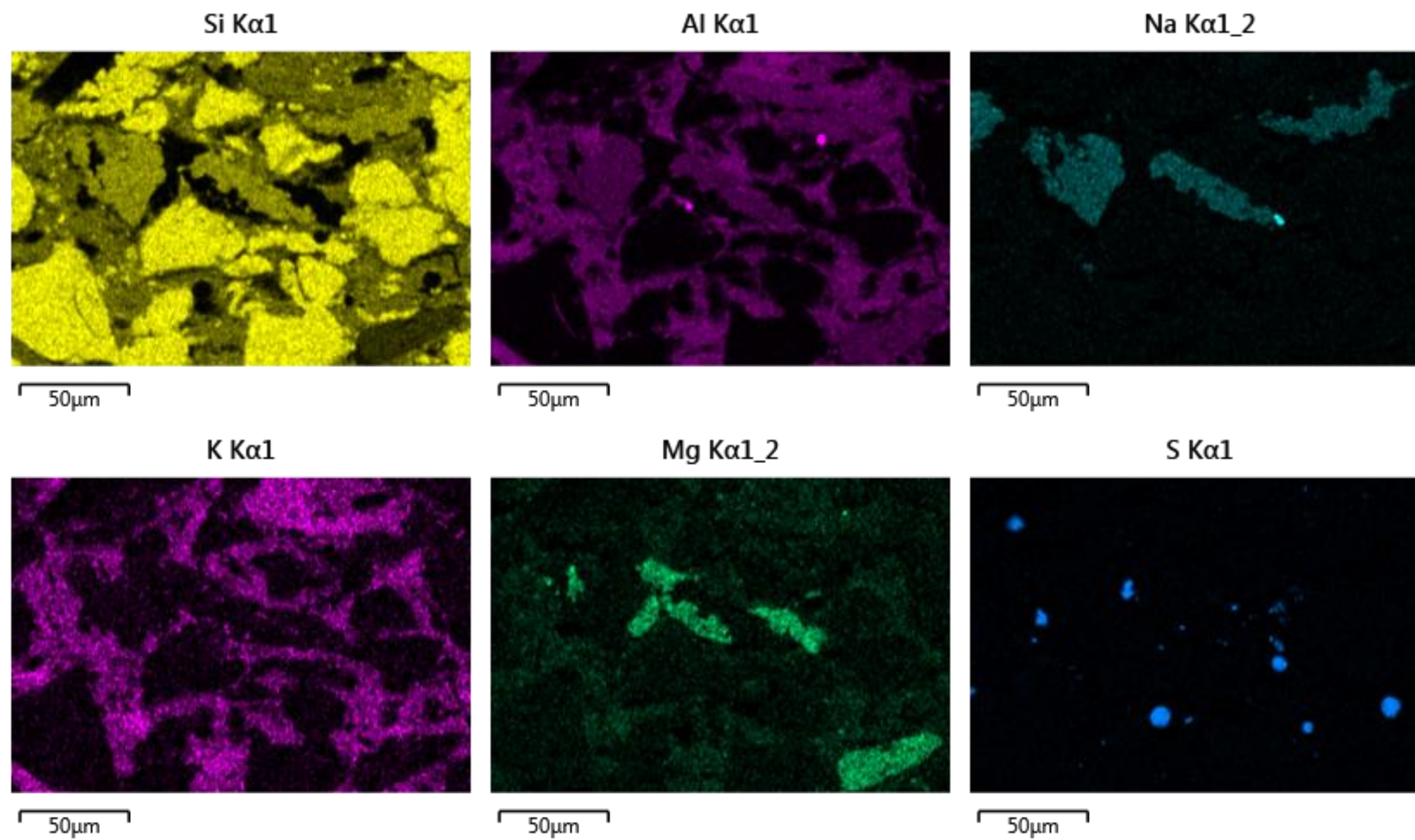


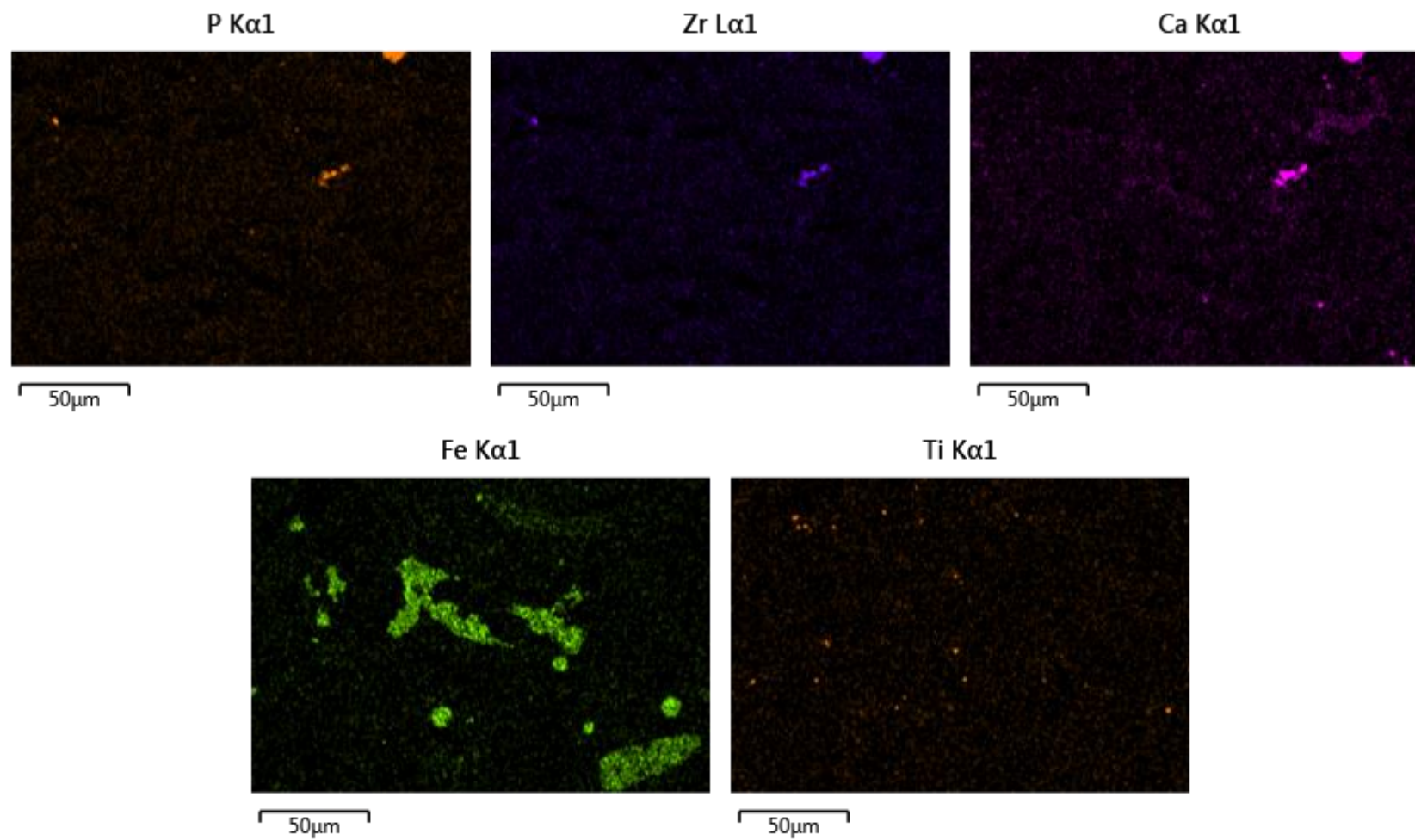




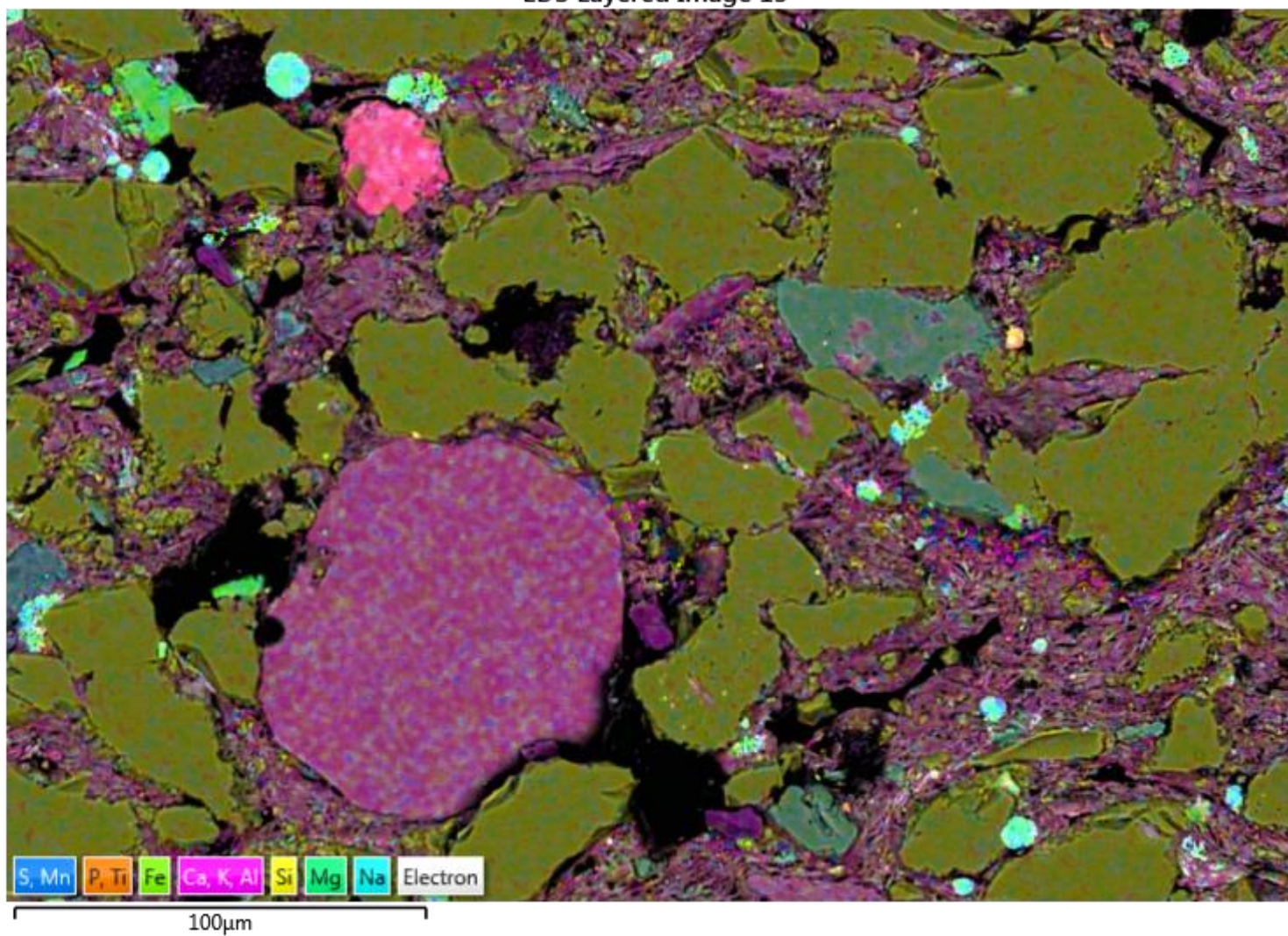
EDS Layered Image 12

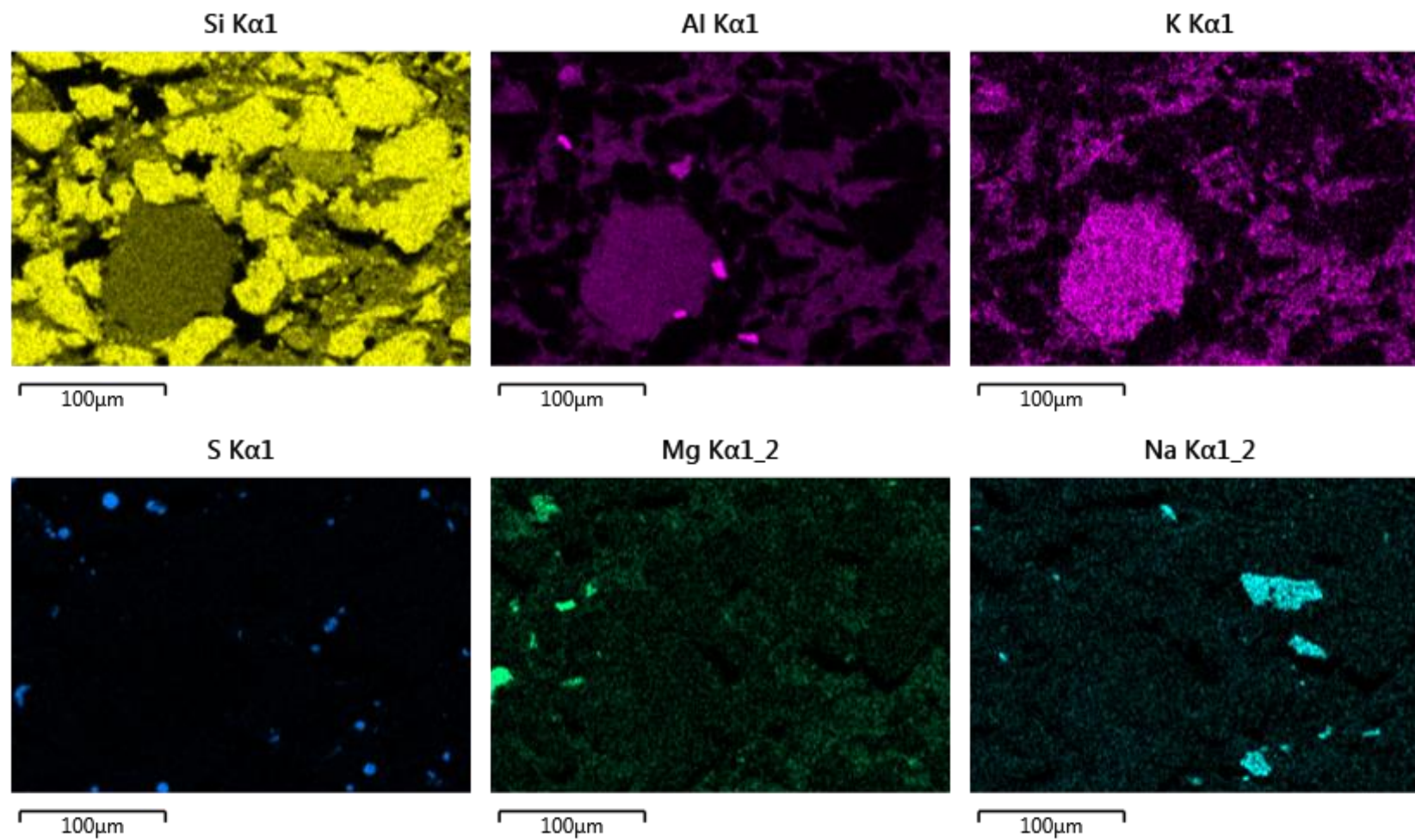


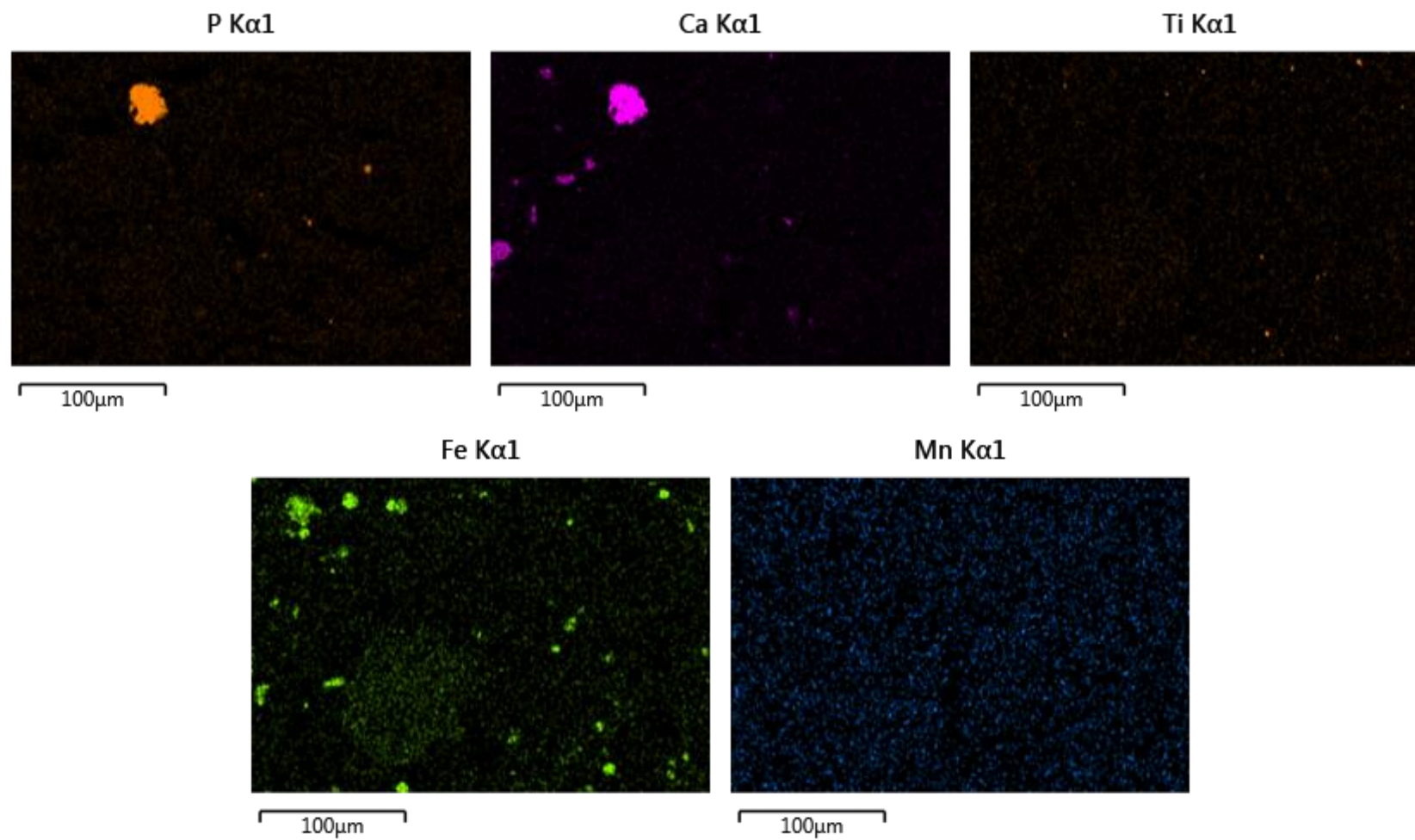




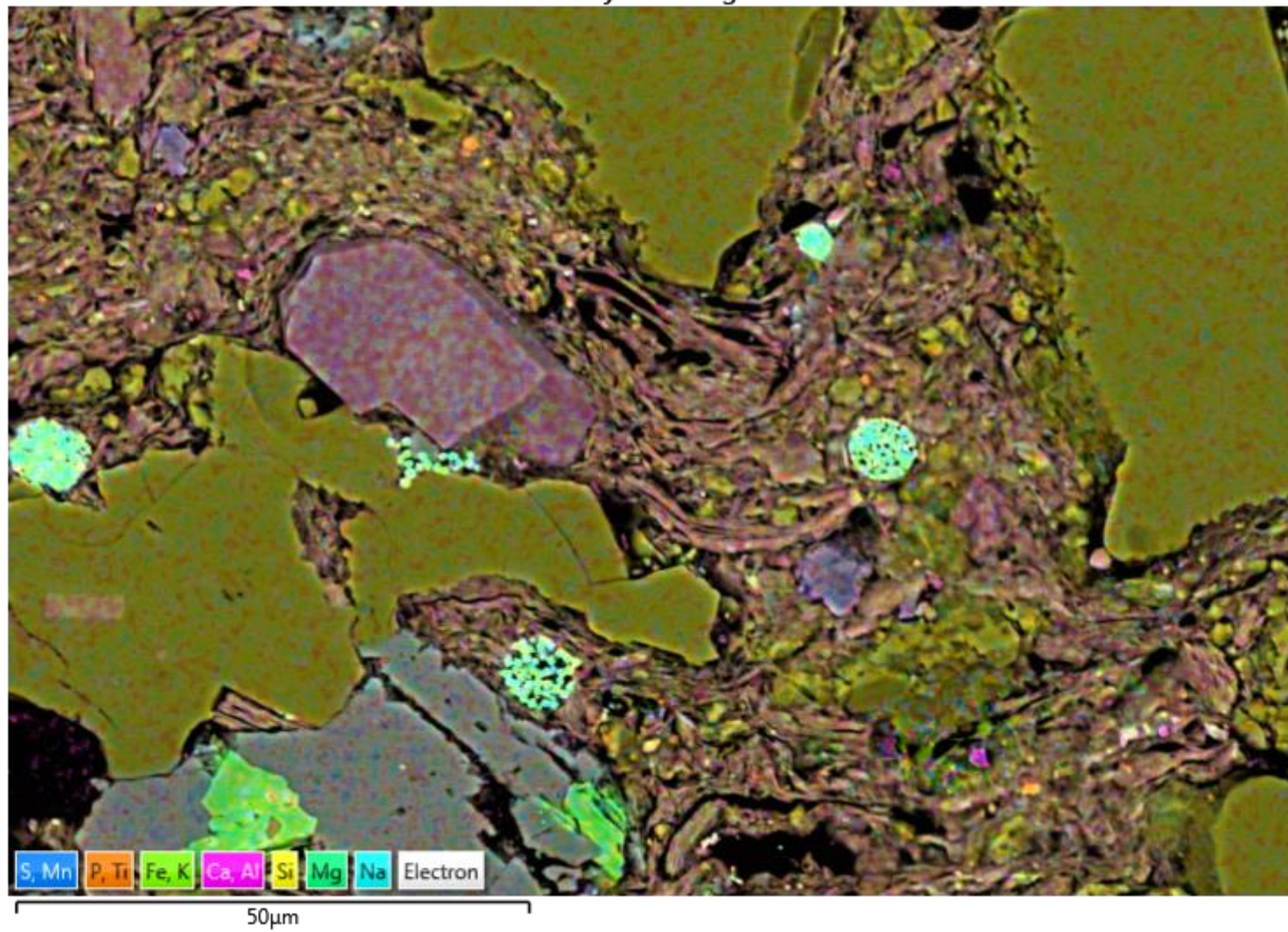
EDS Layered Image 13

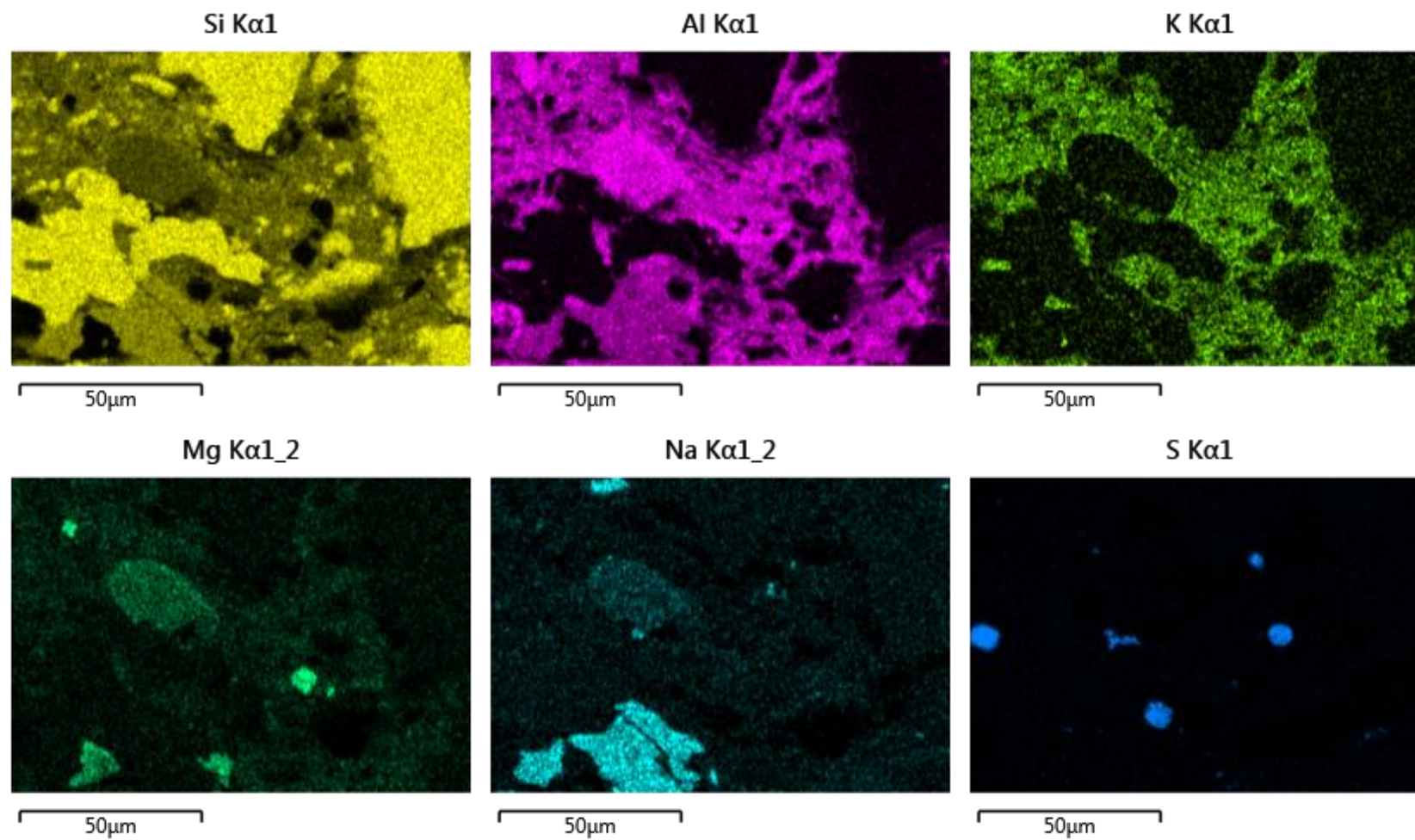


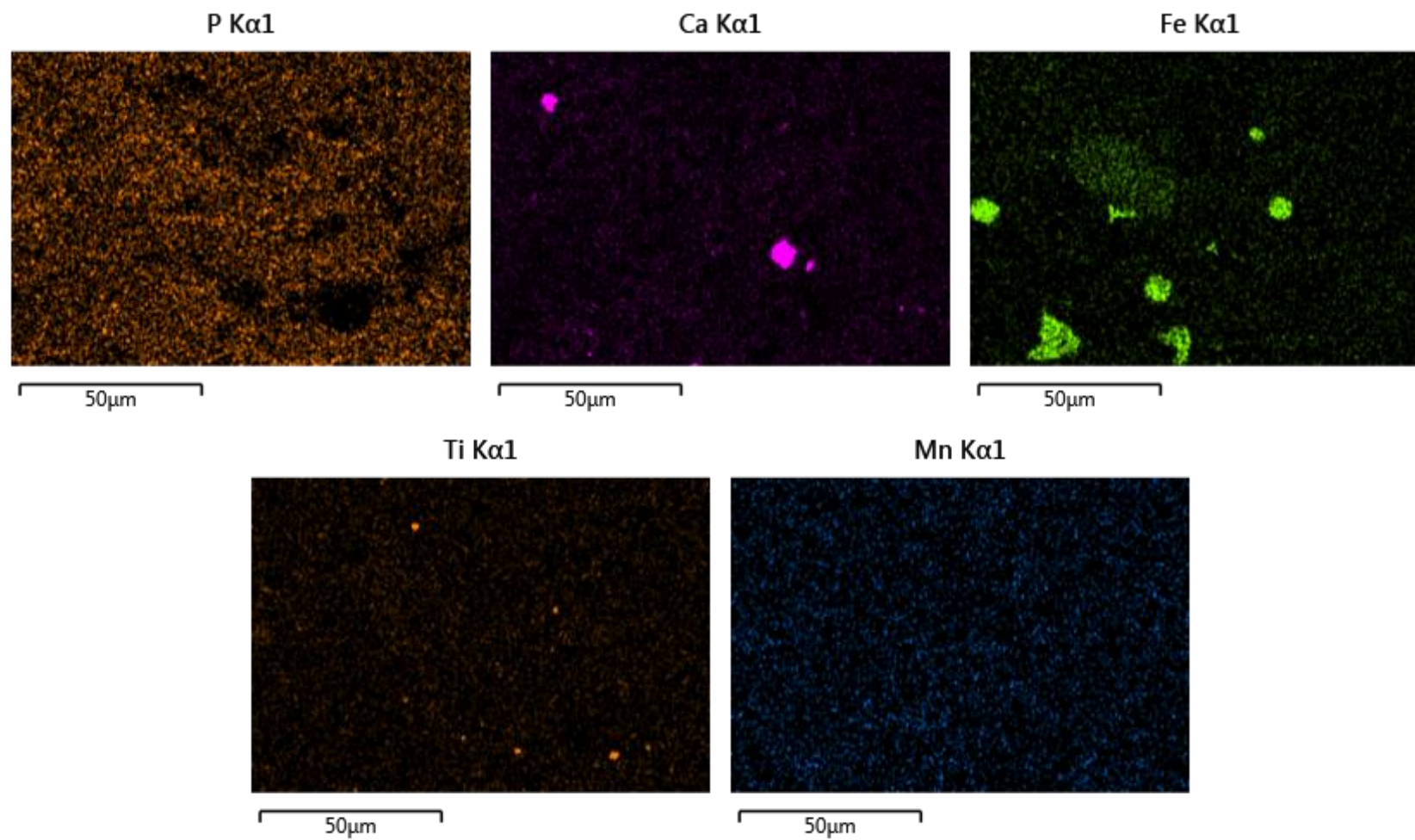




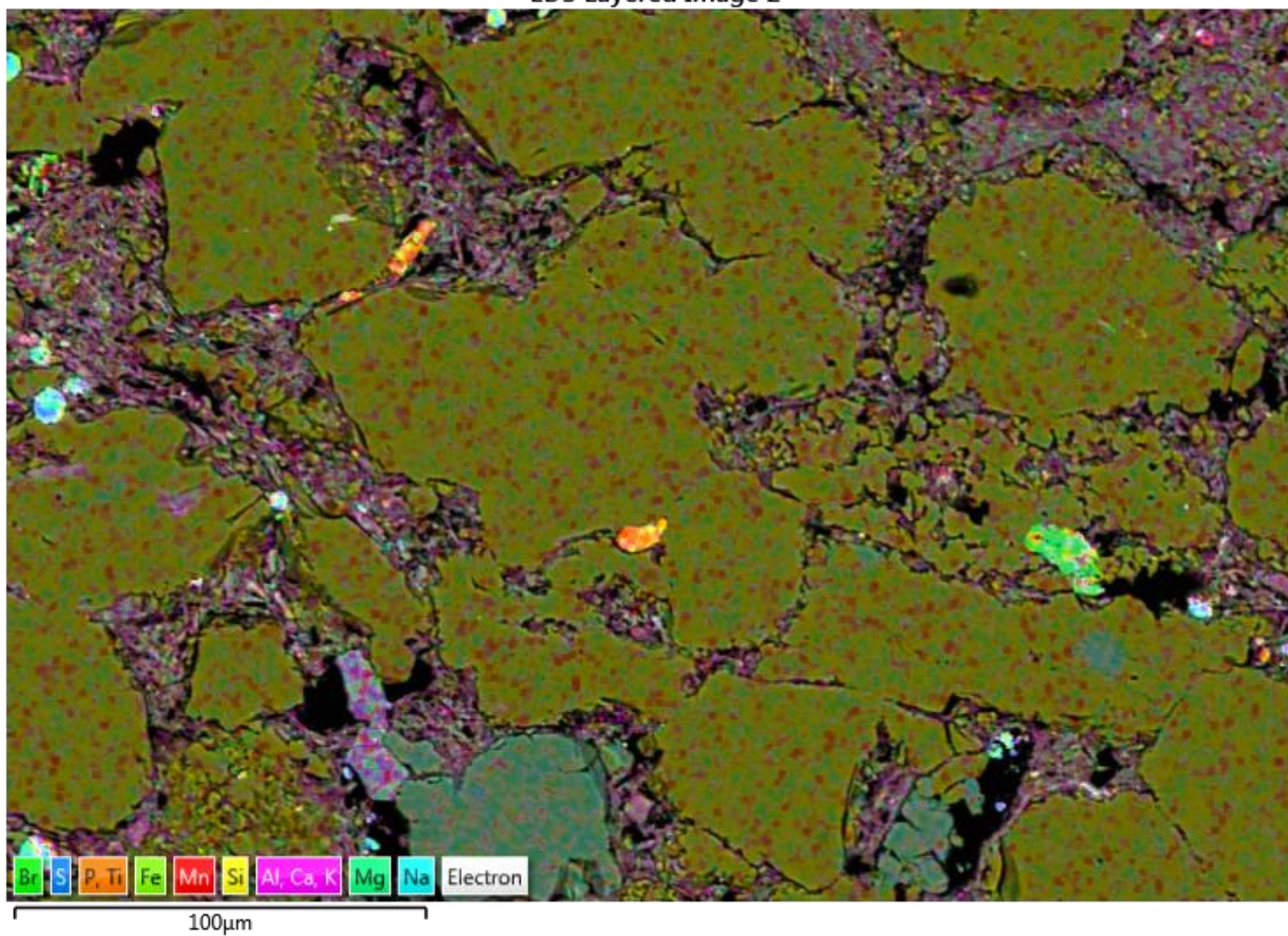
EDS Layered Image 14

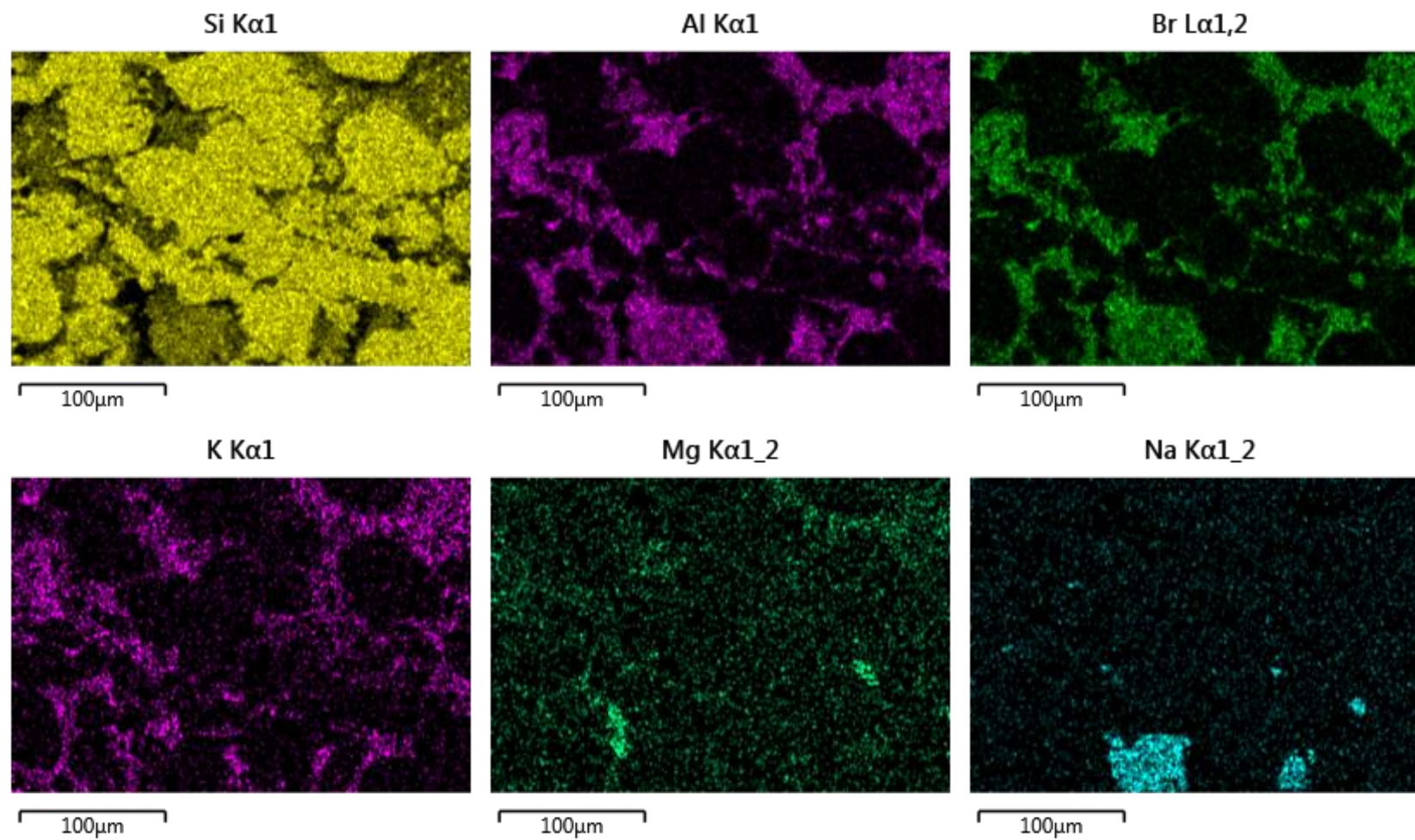


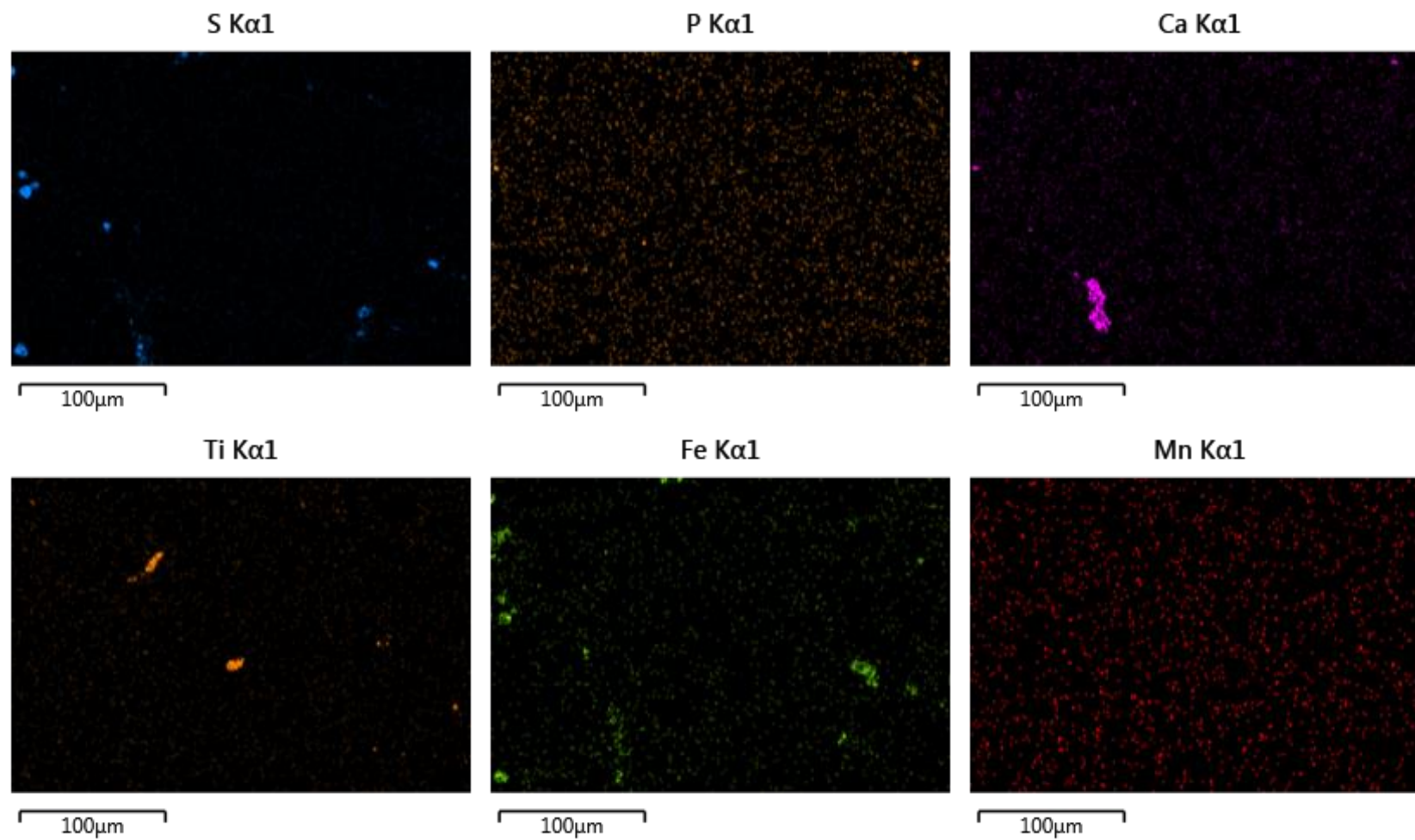




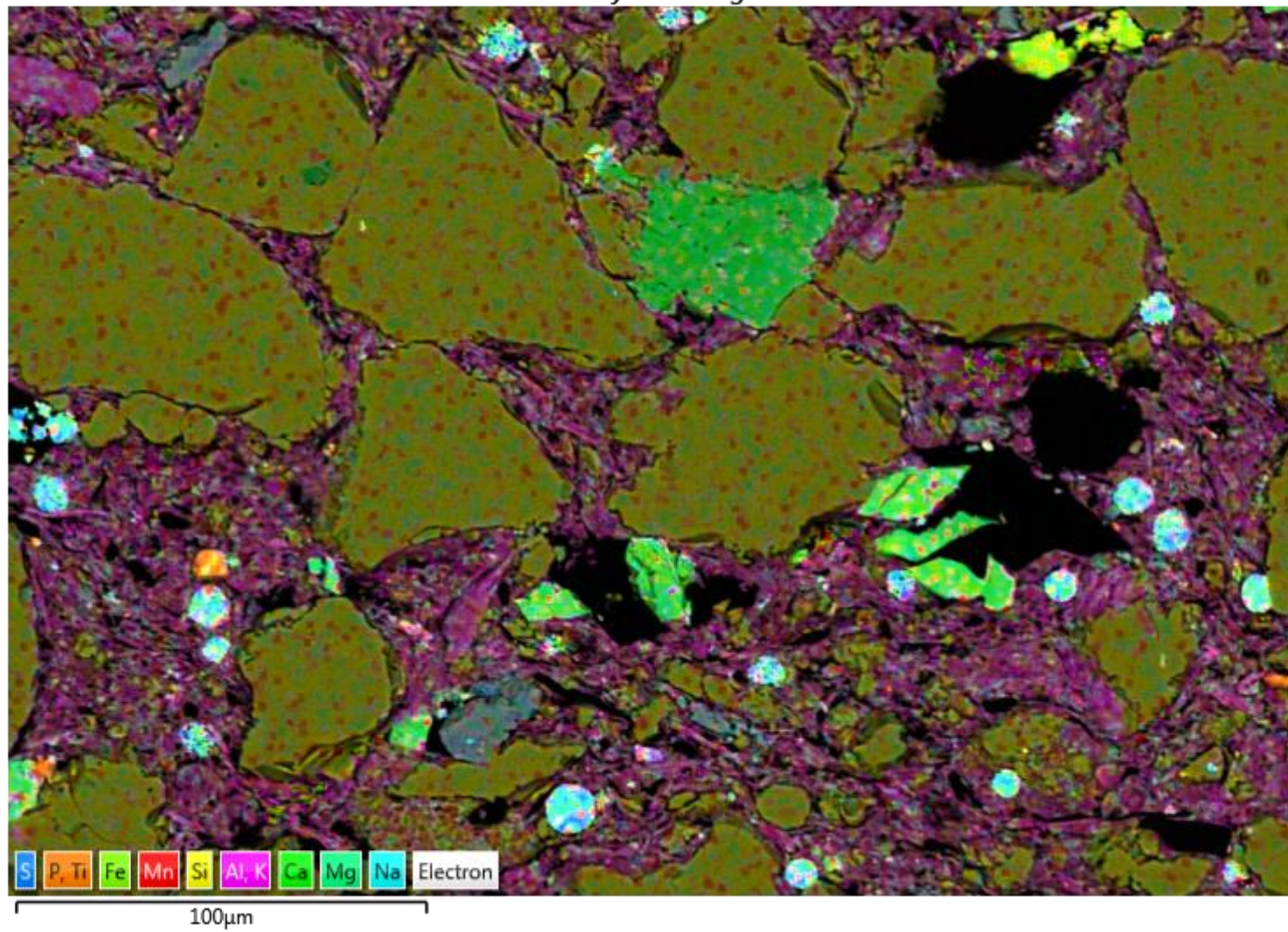
EDS Layered Image 2

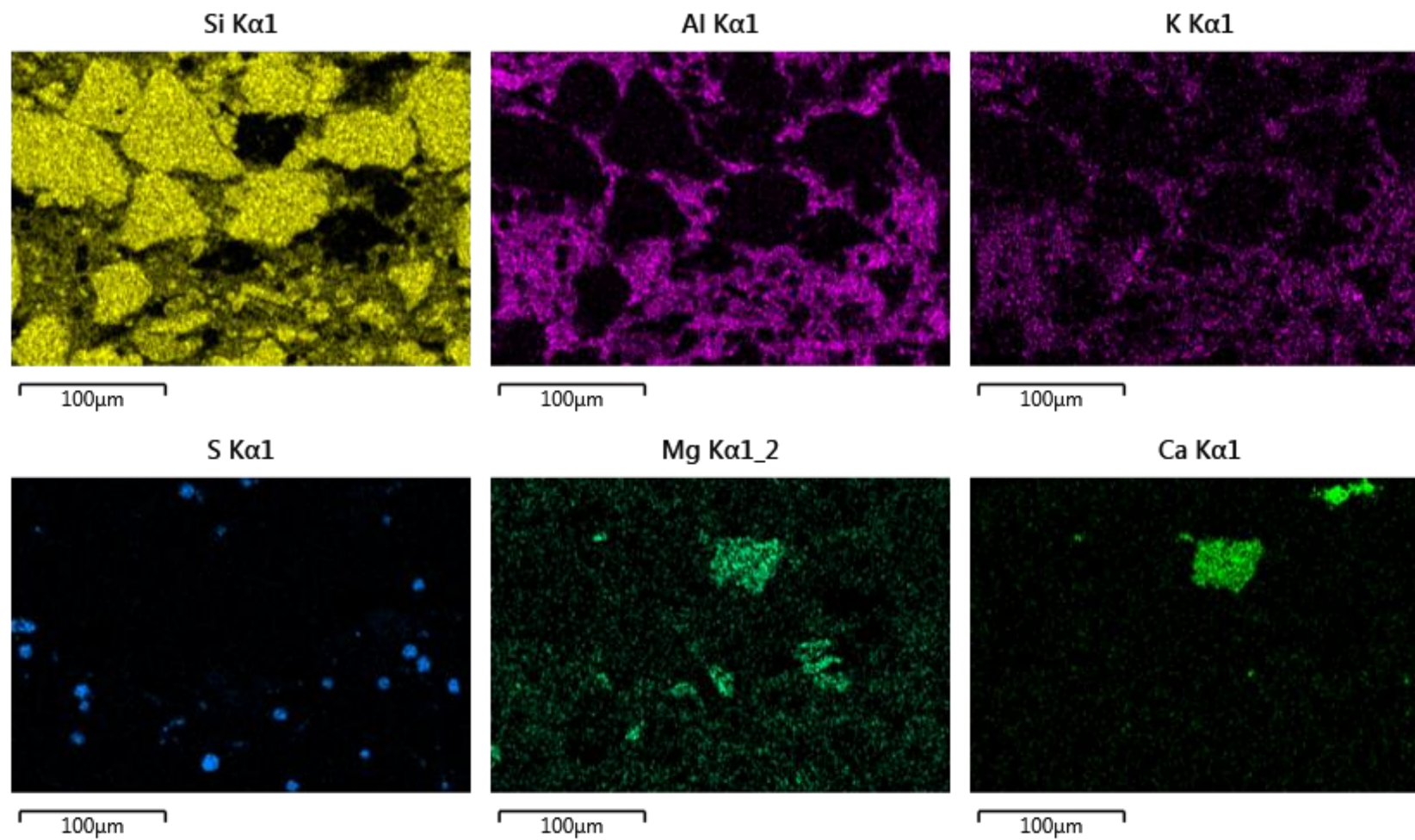


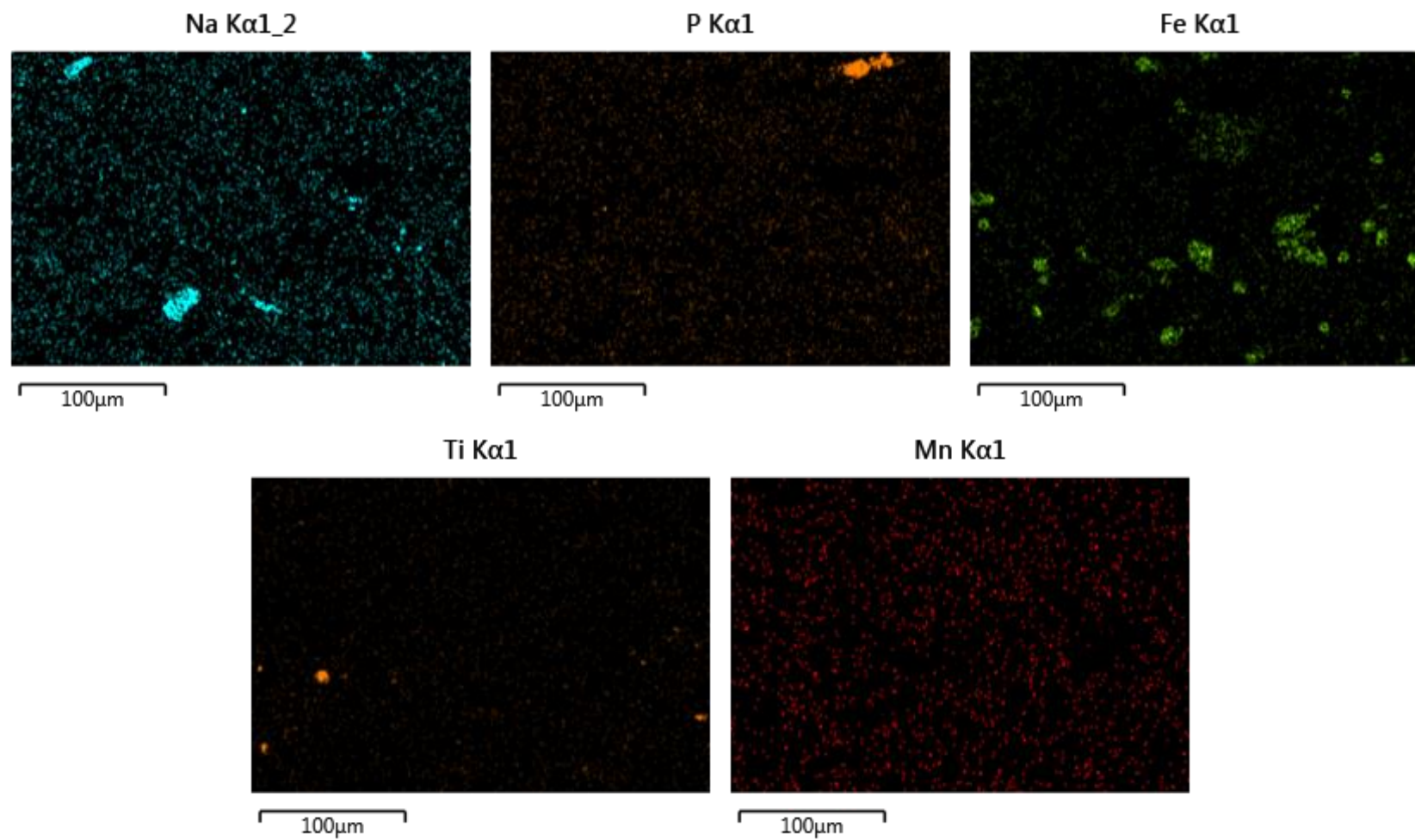




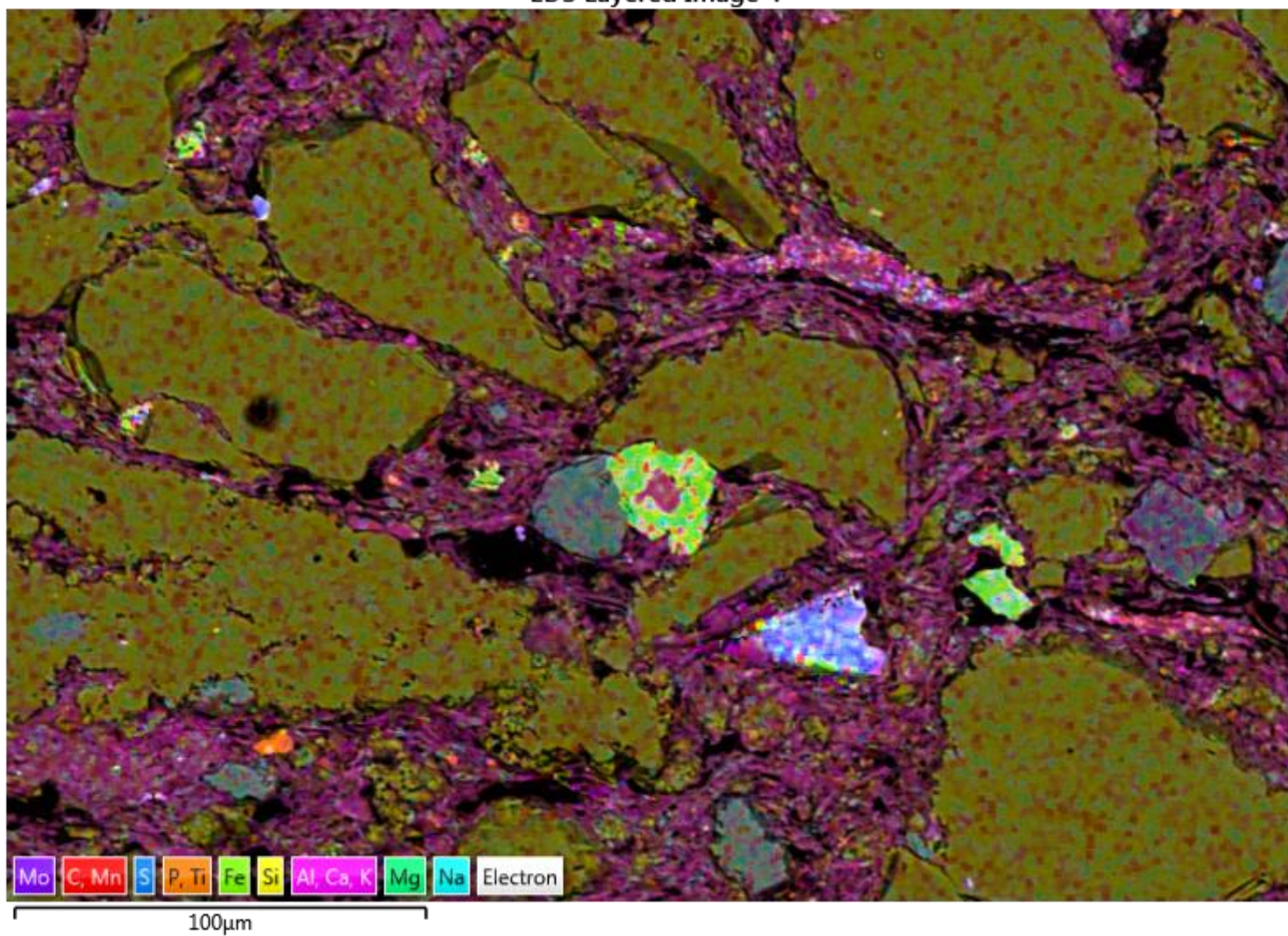
EDS Layered Image 3

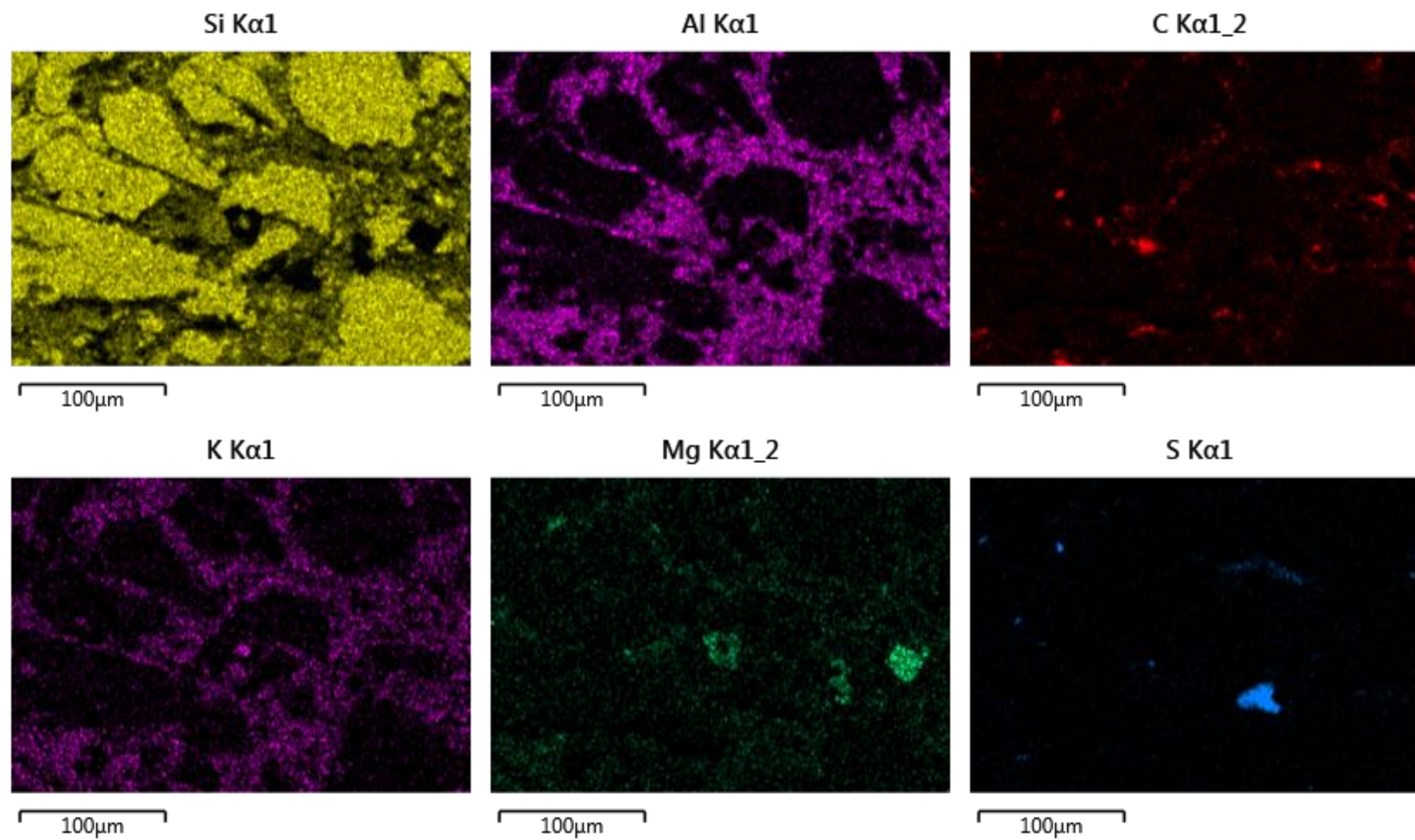


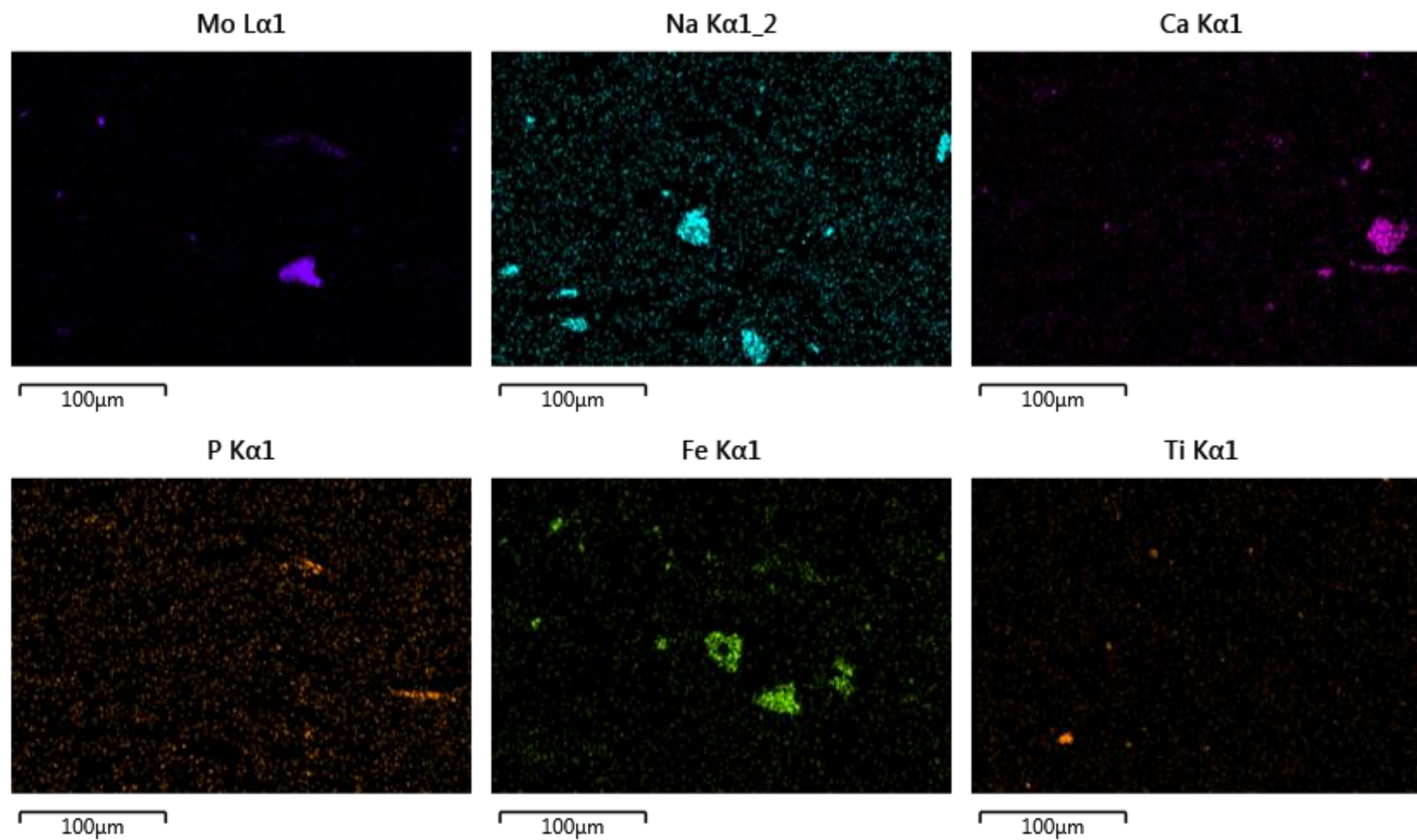




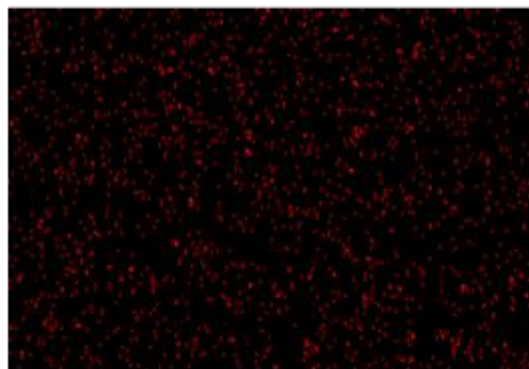
EDS Layered Image 4





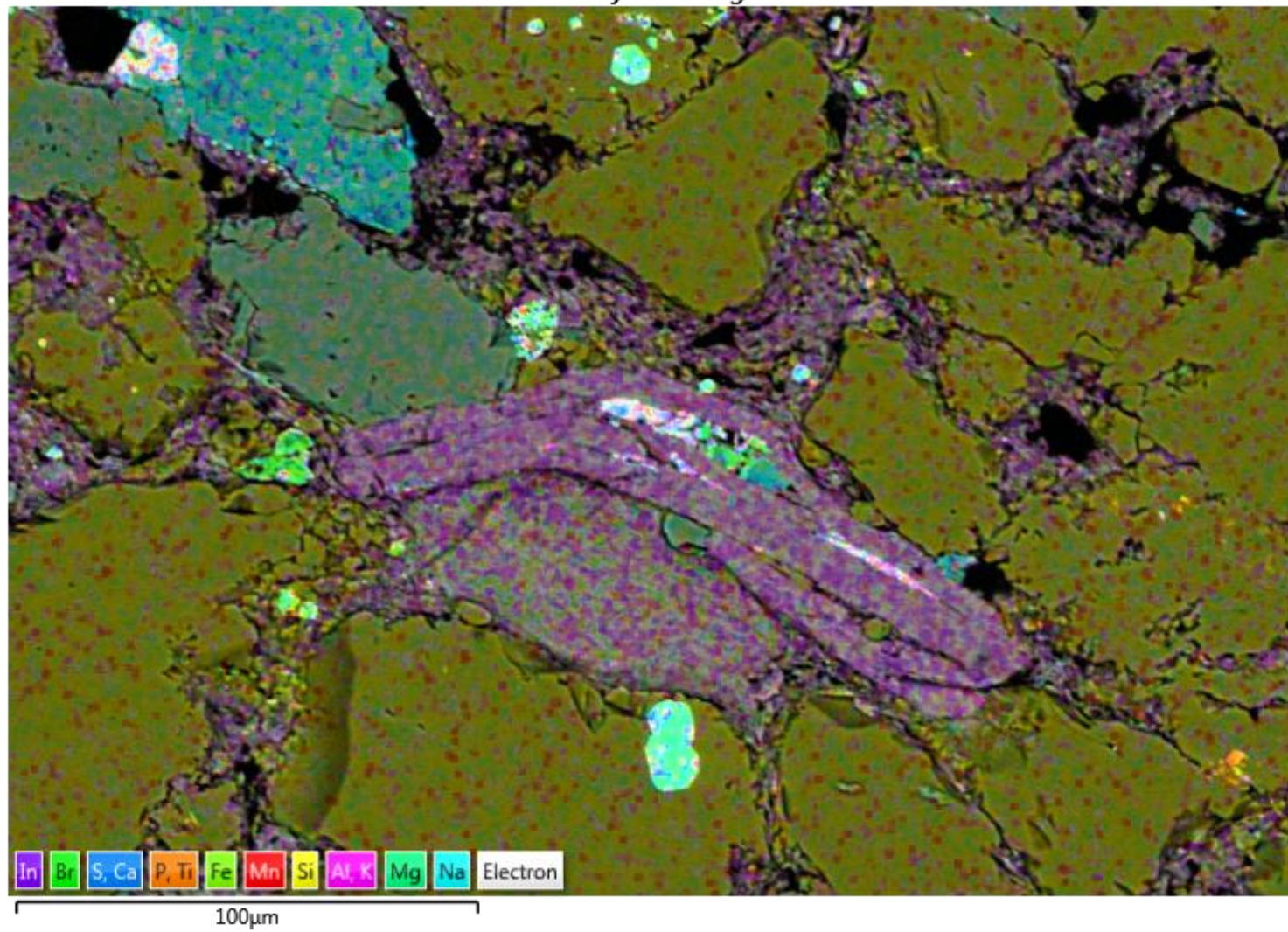


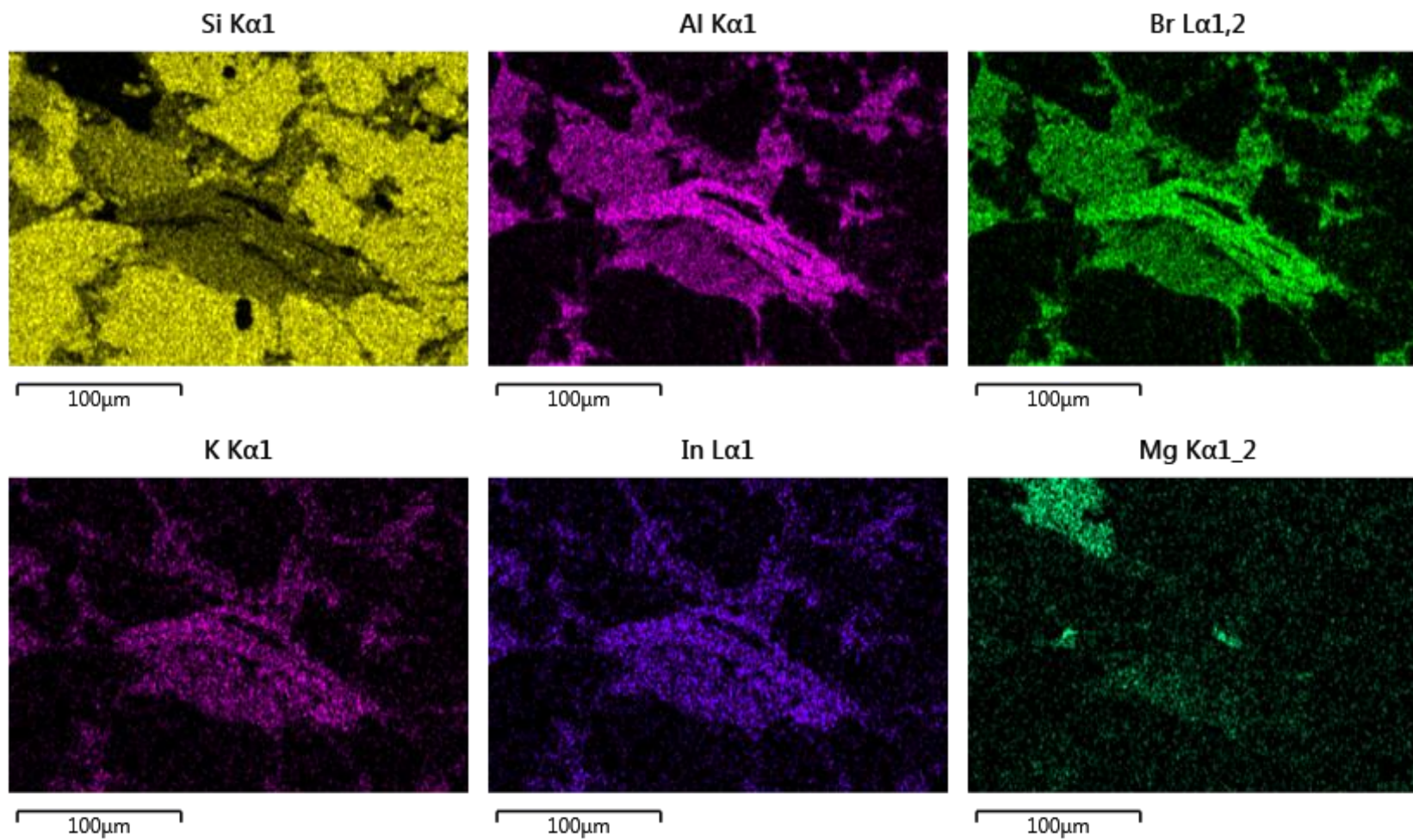
Mn K α 1

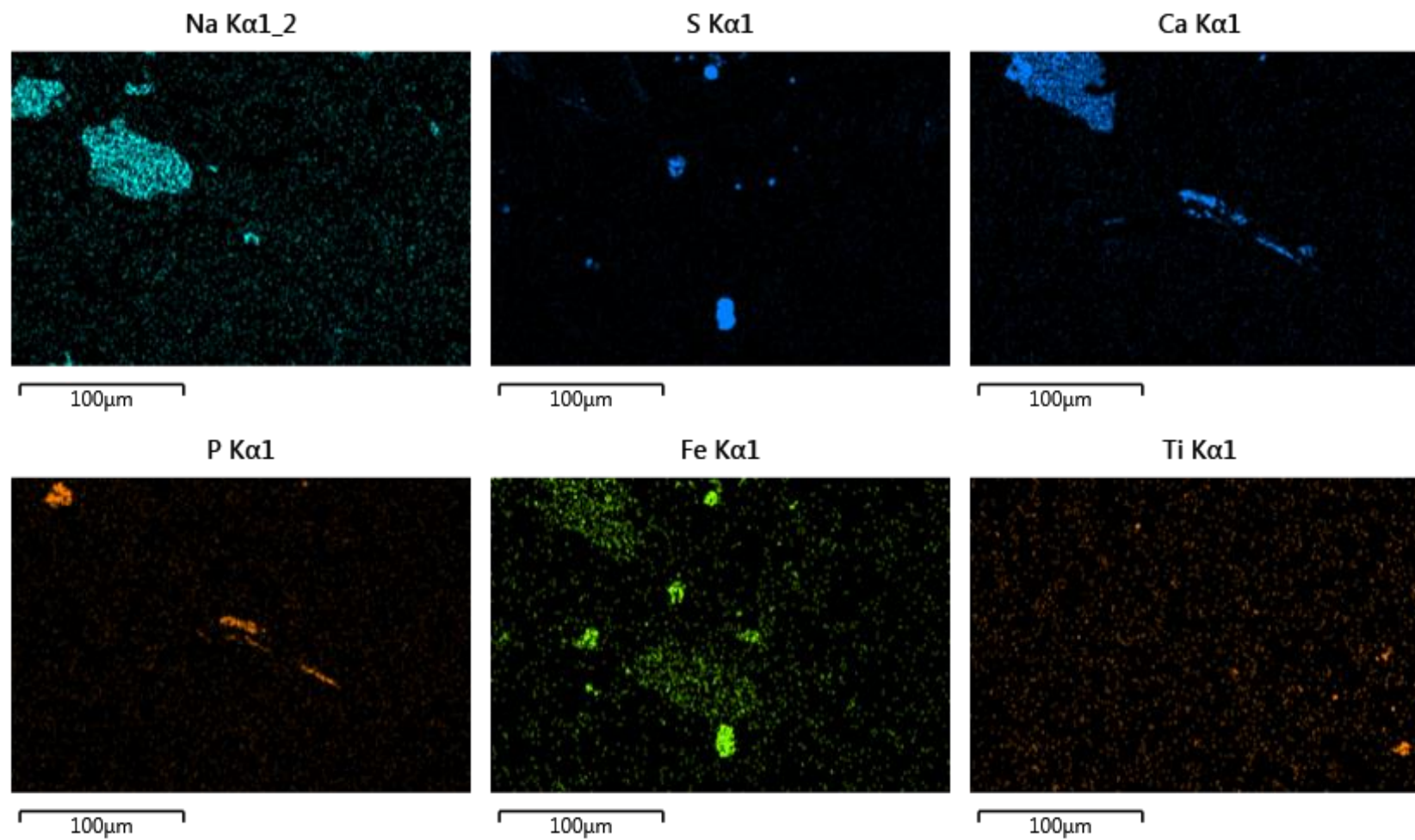


100 μ m

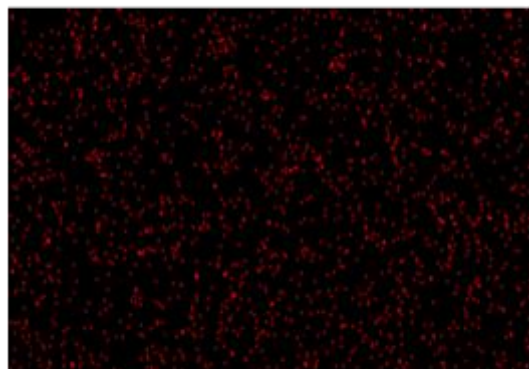
EDS Layered Image 5





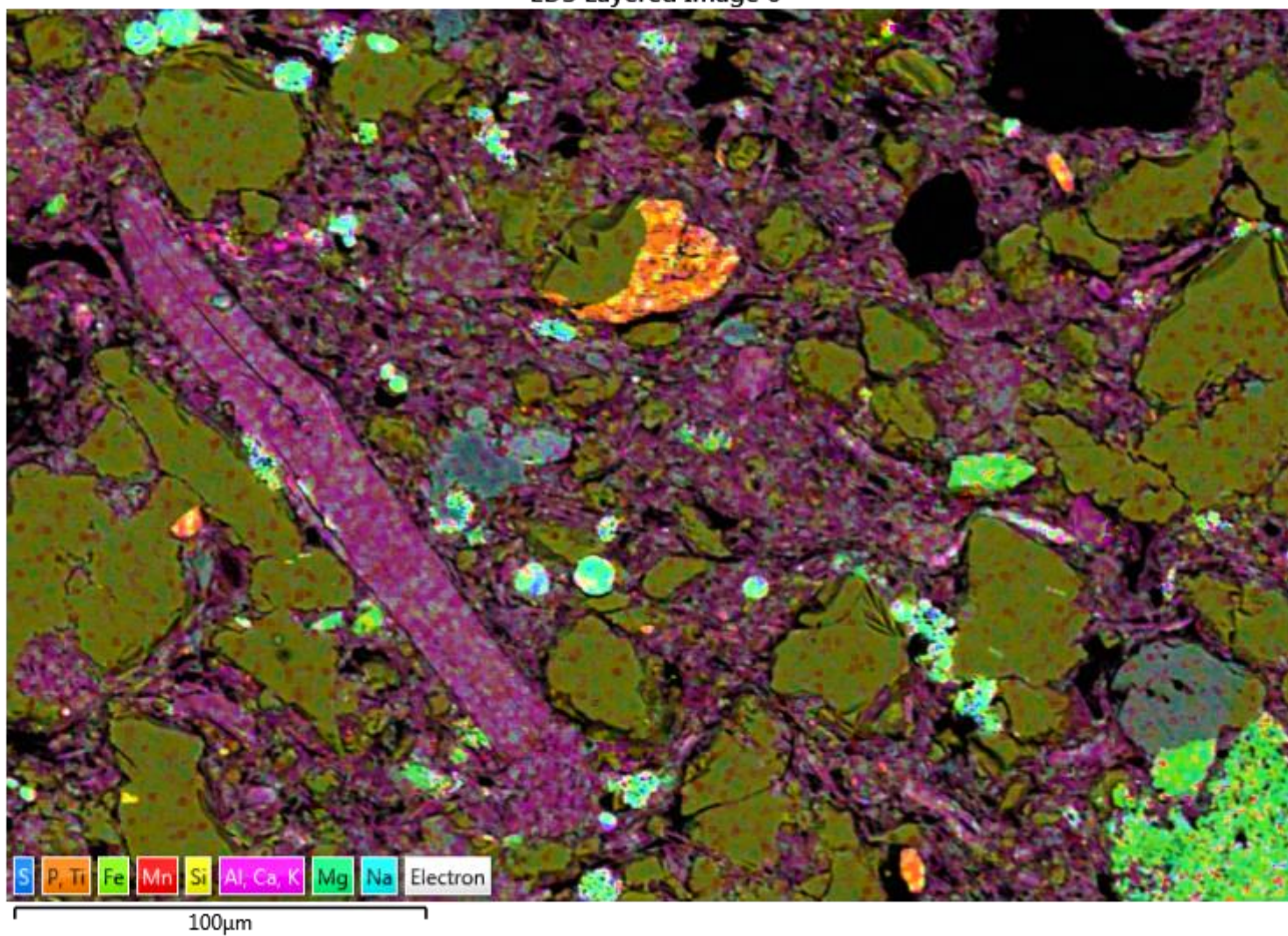


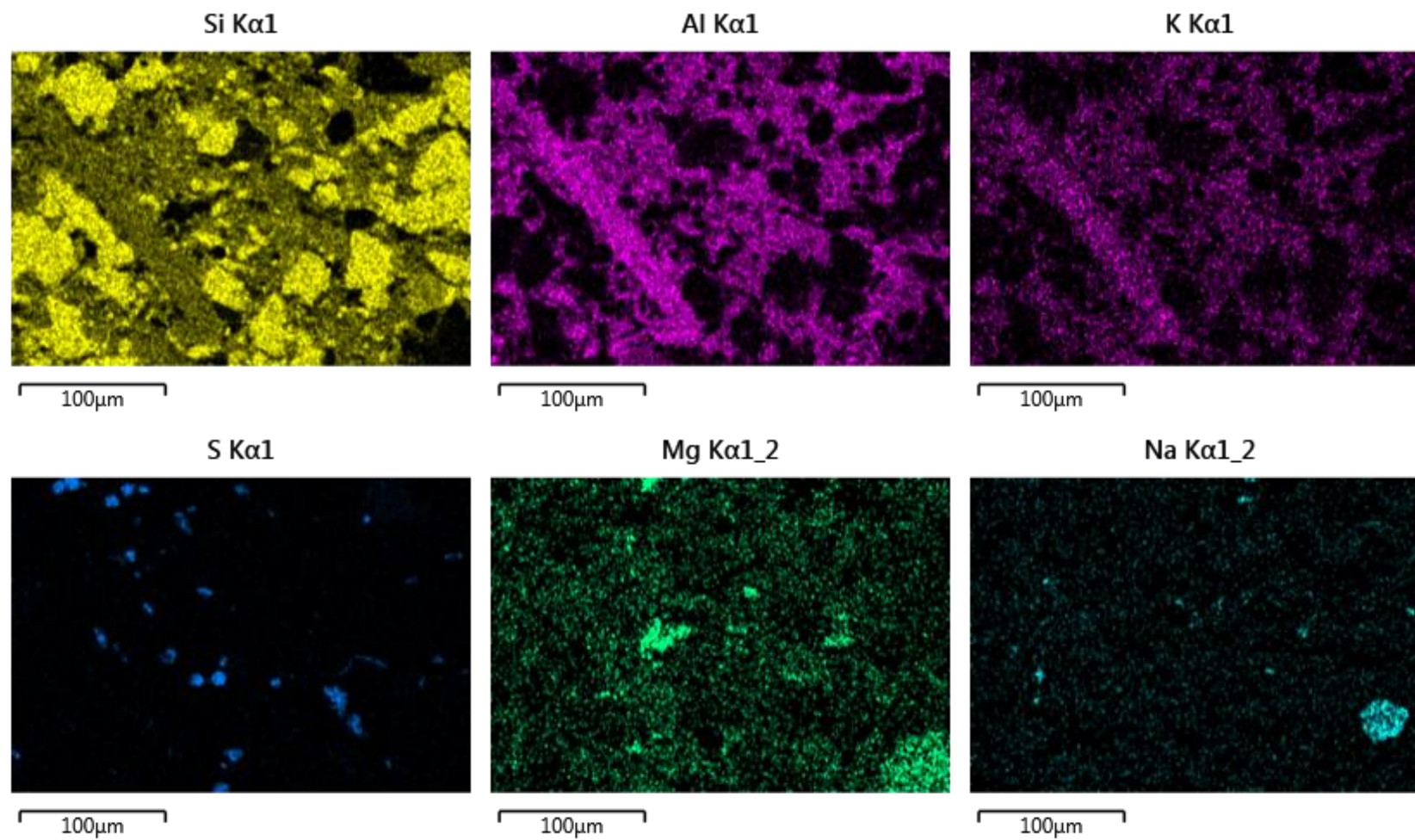
Mn K α 1

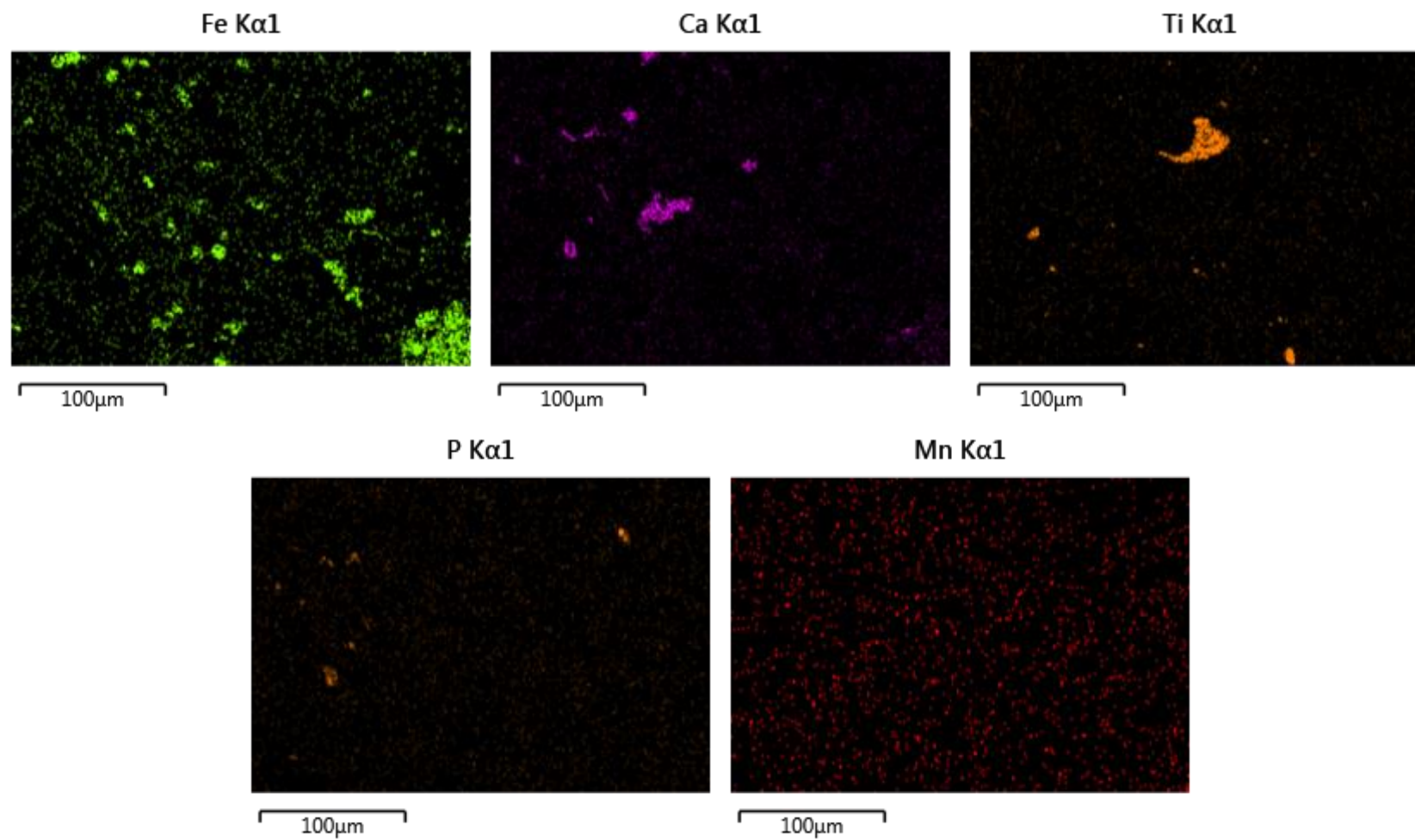


100 μ m

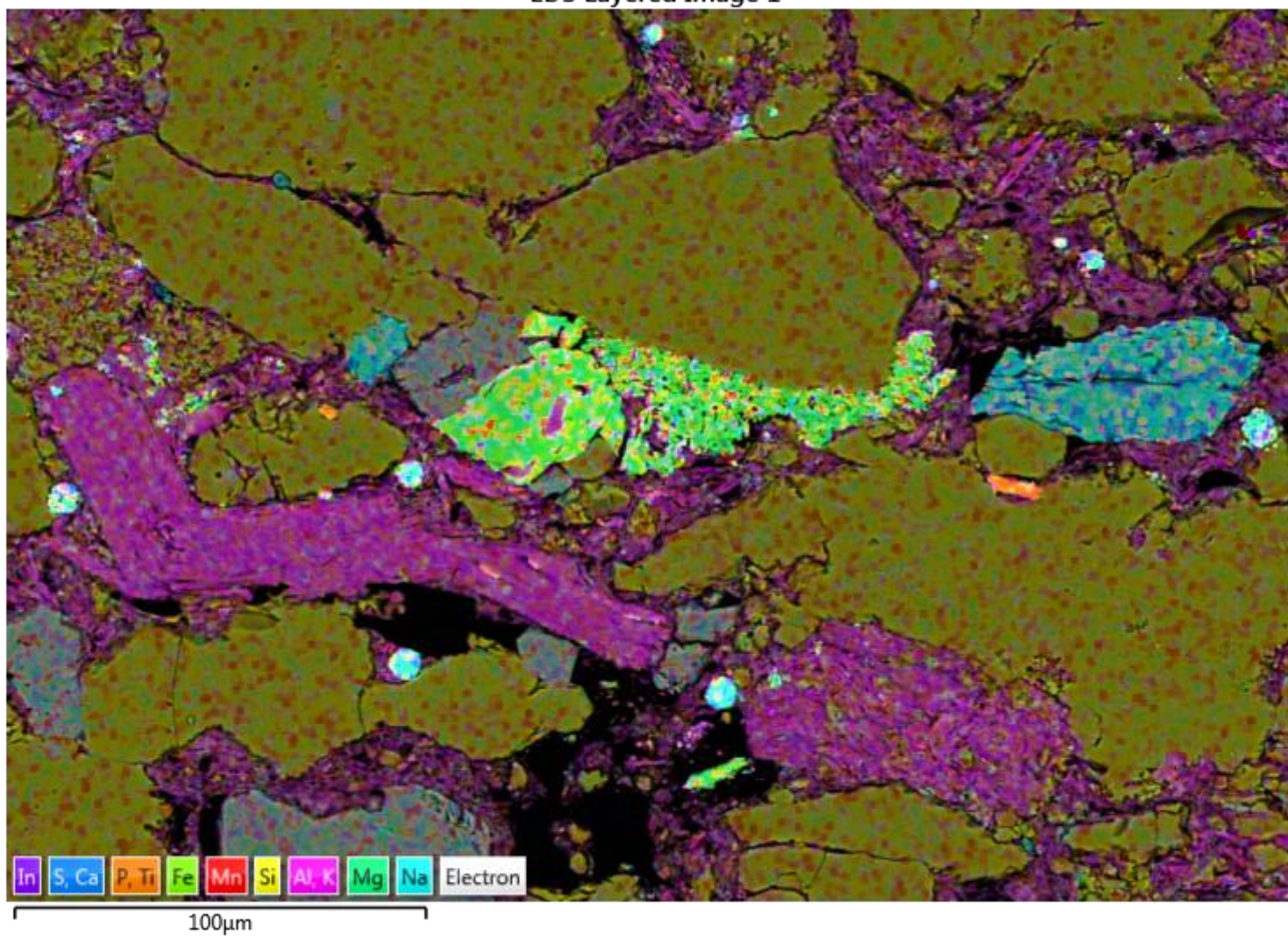
EDS Layered Image 6

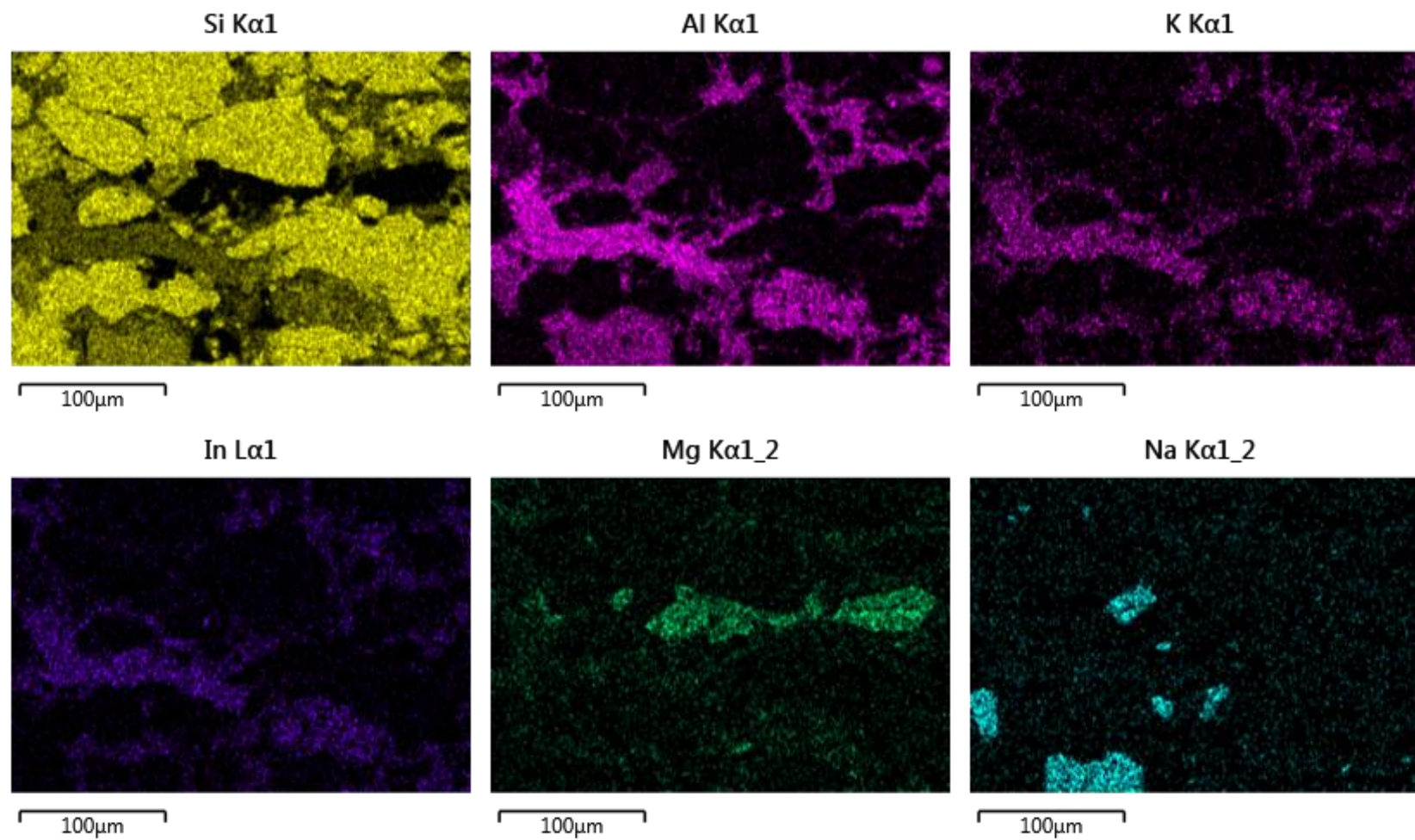


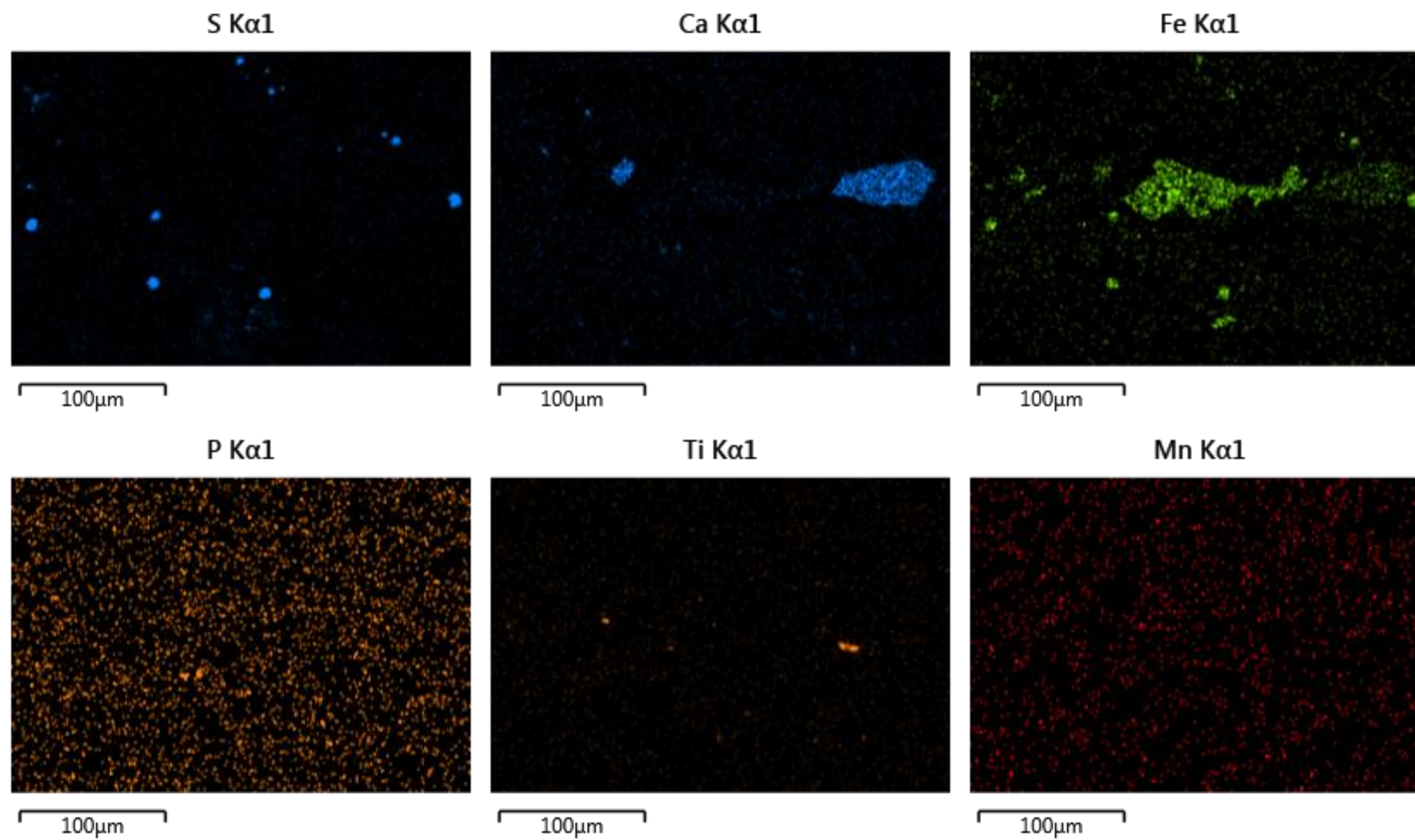




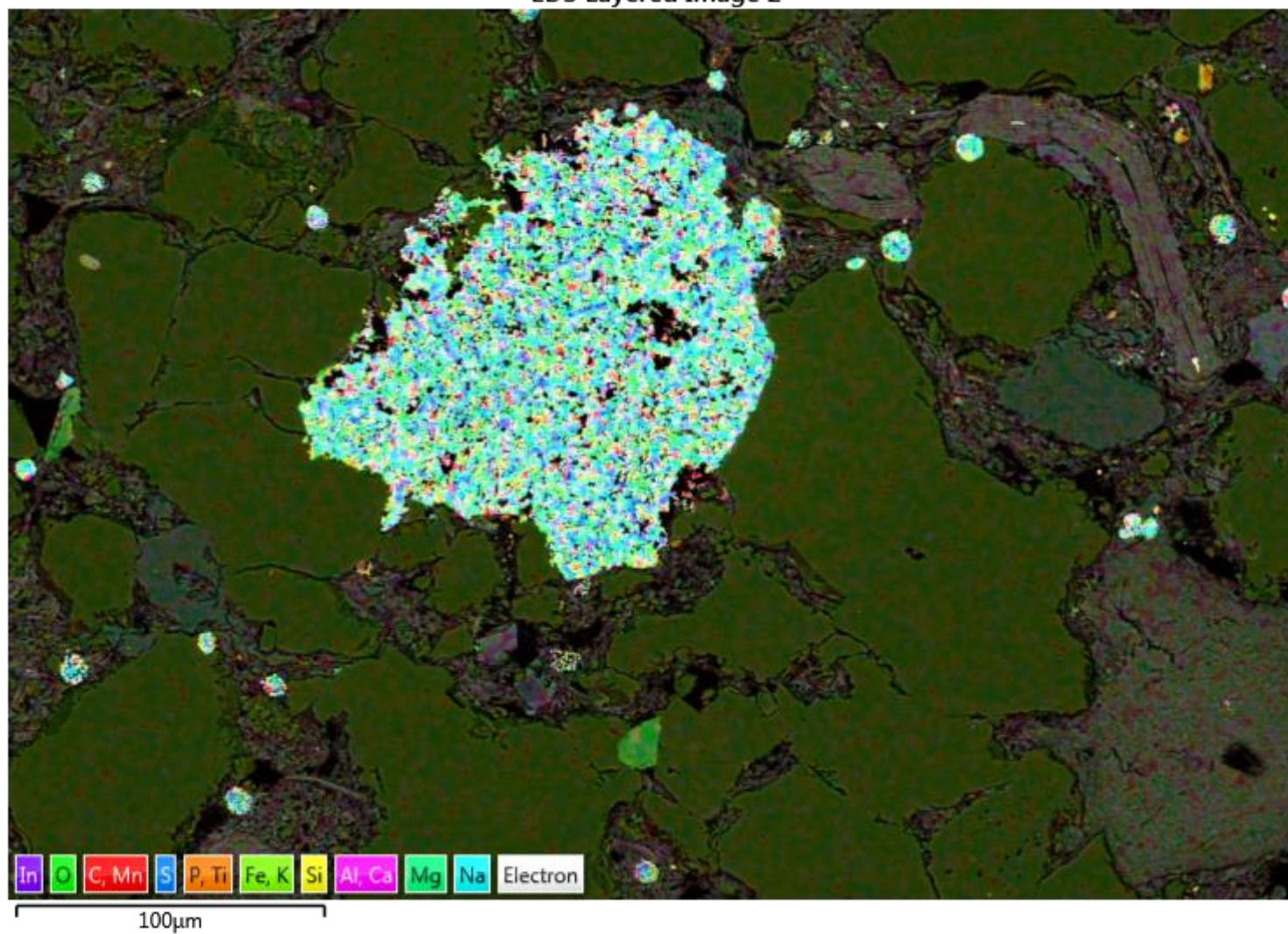
EDS Layered Image 1

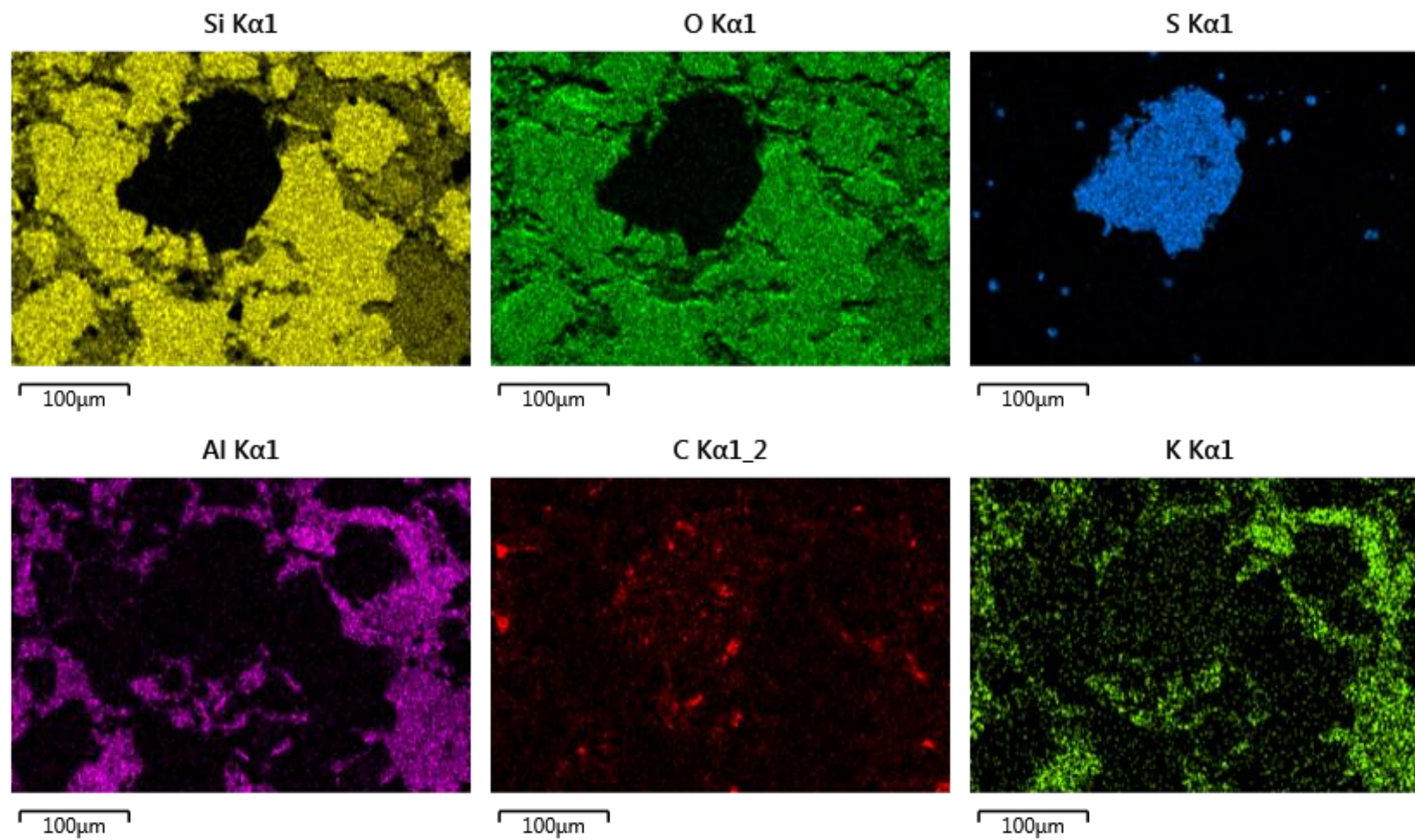


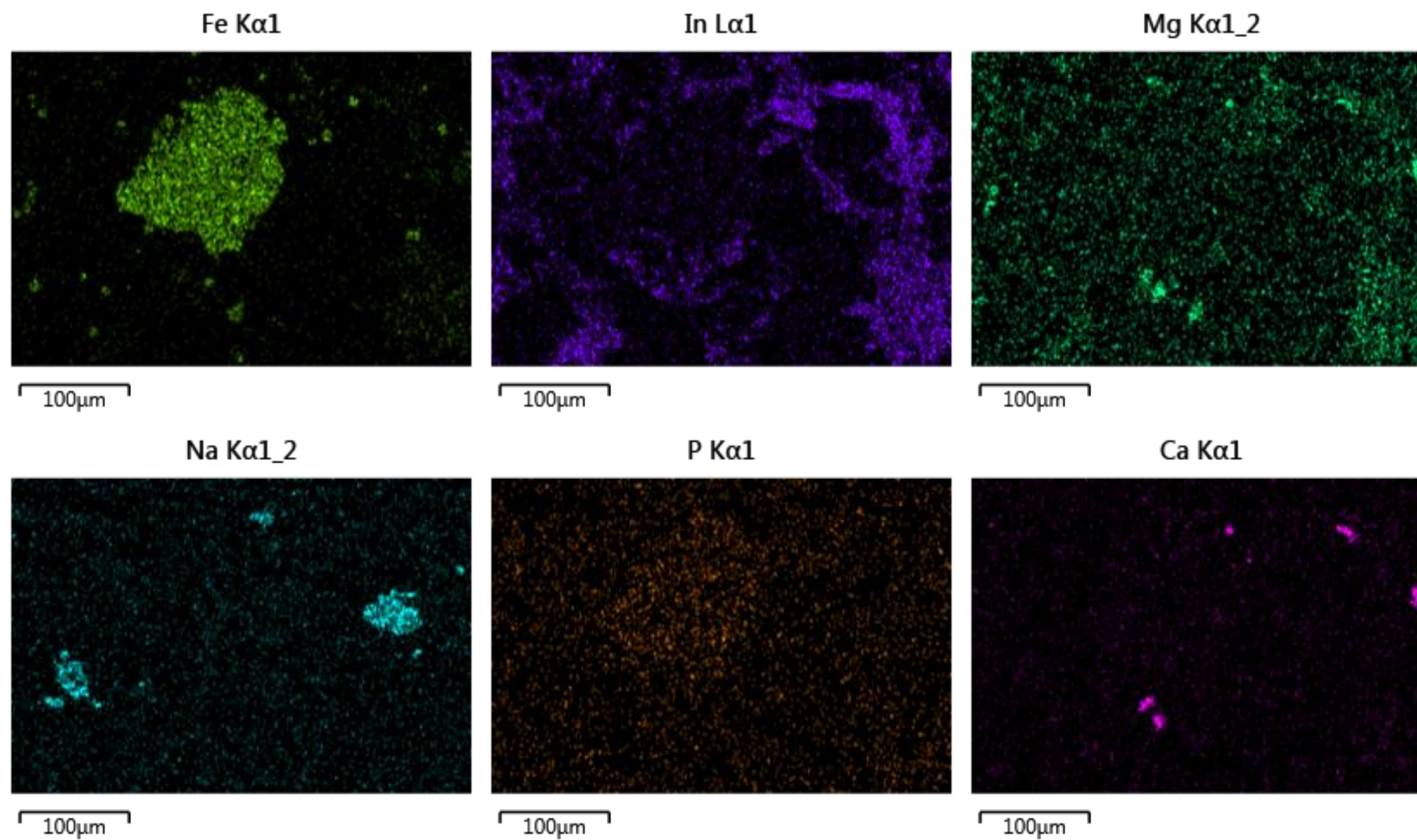


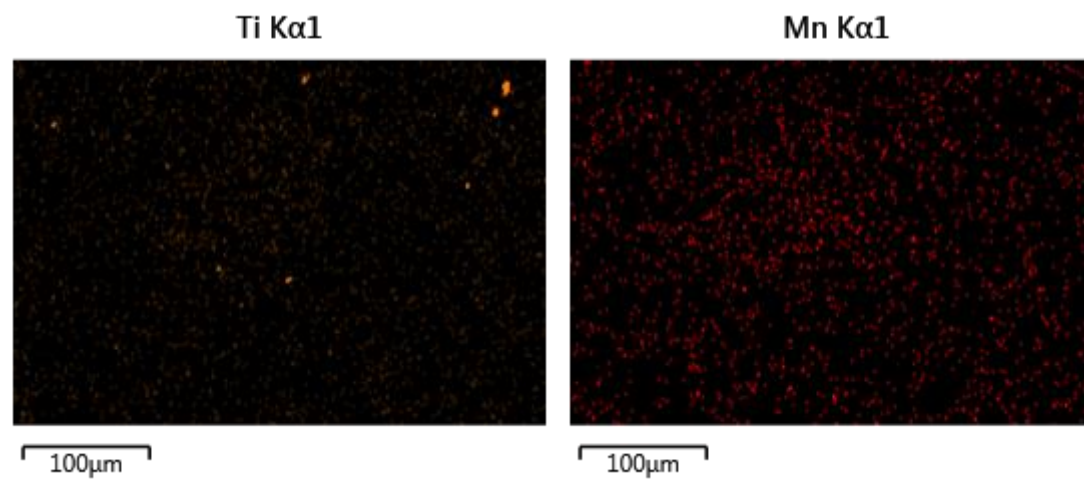


EDS Layered Image 2

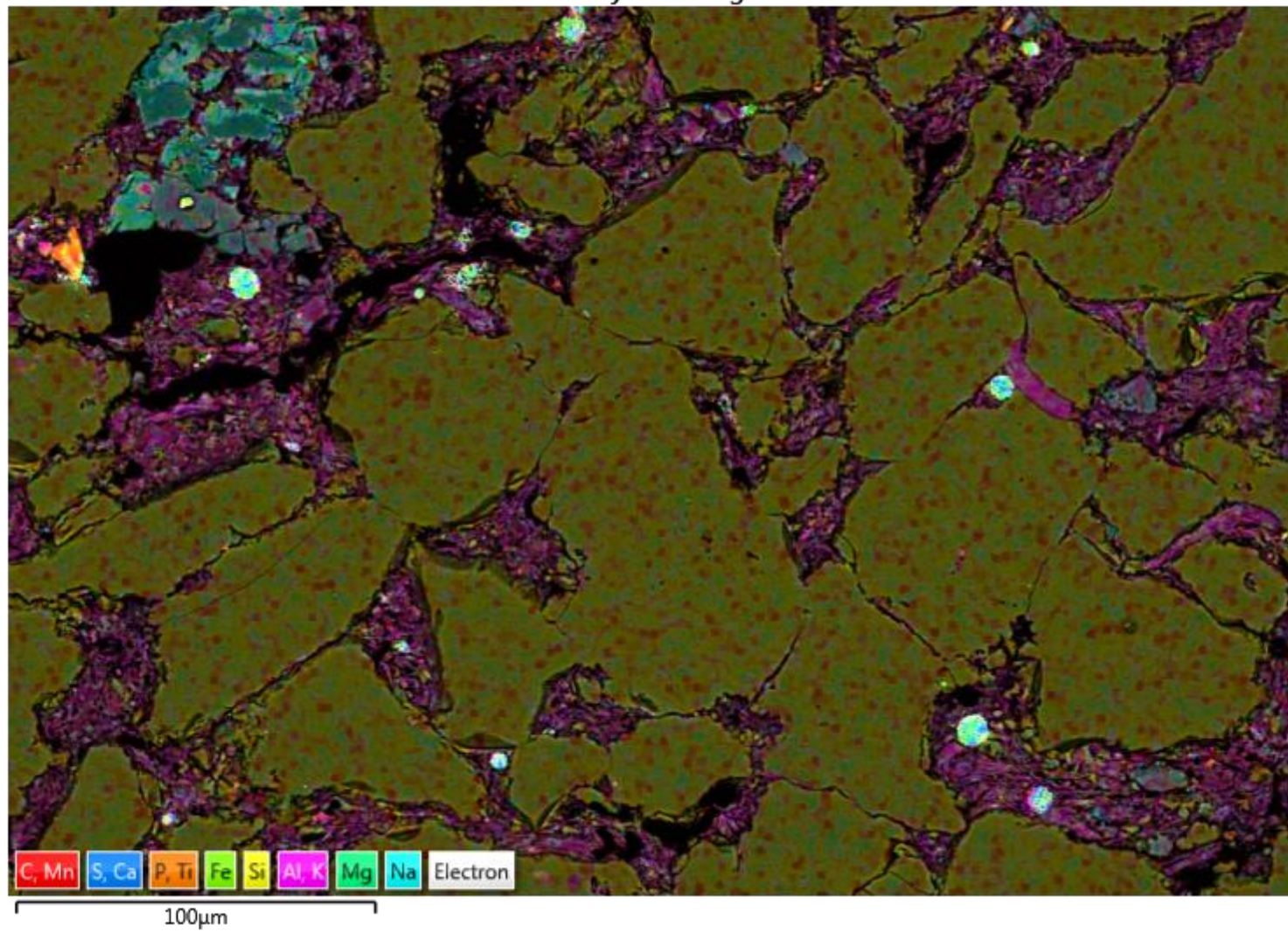


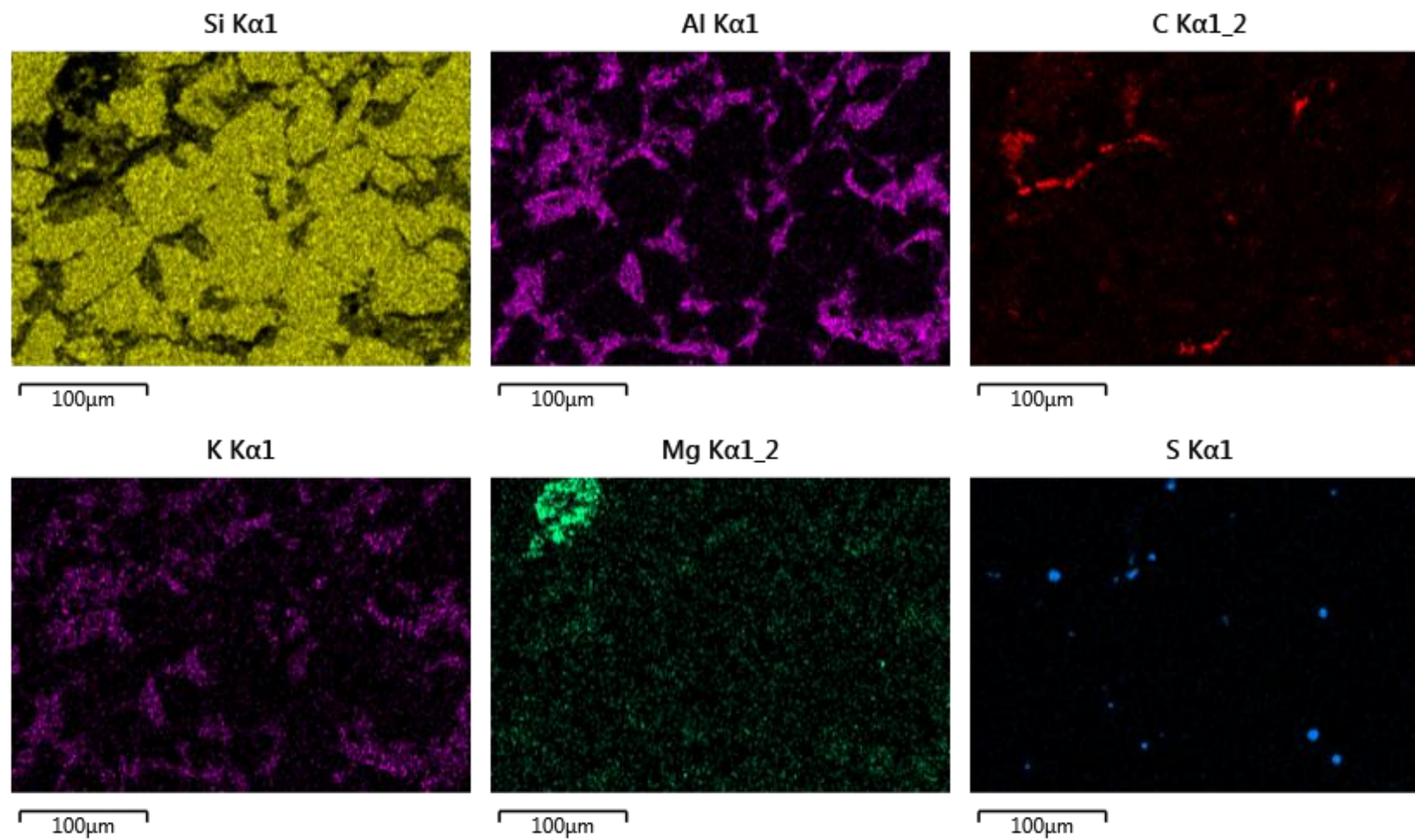


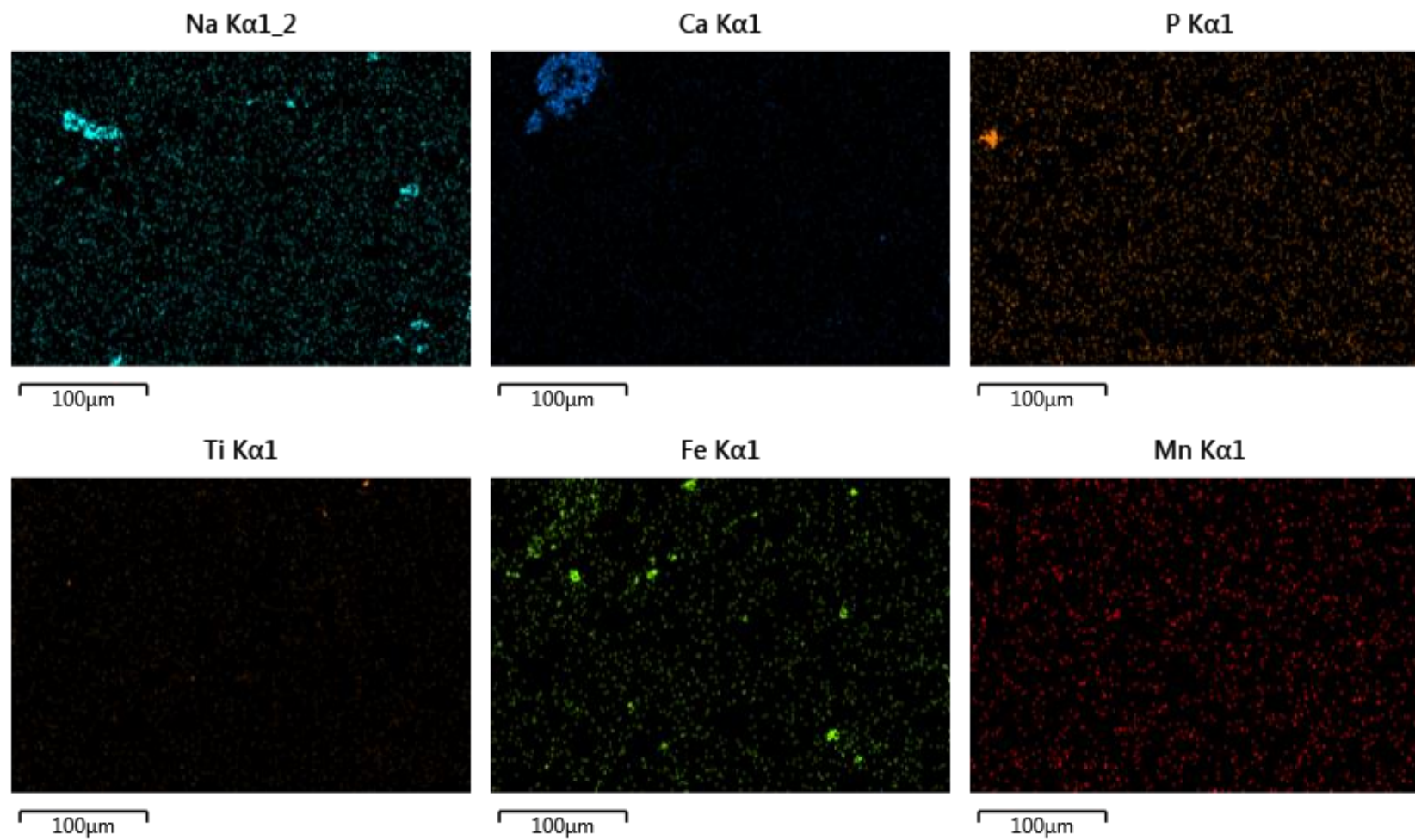




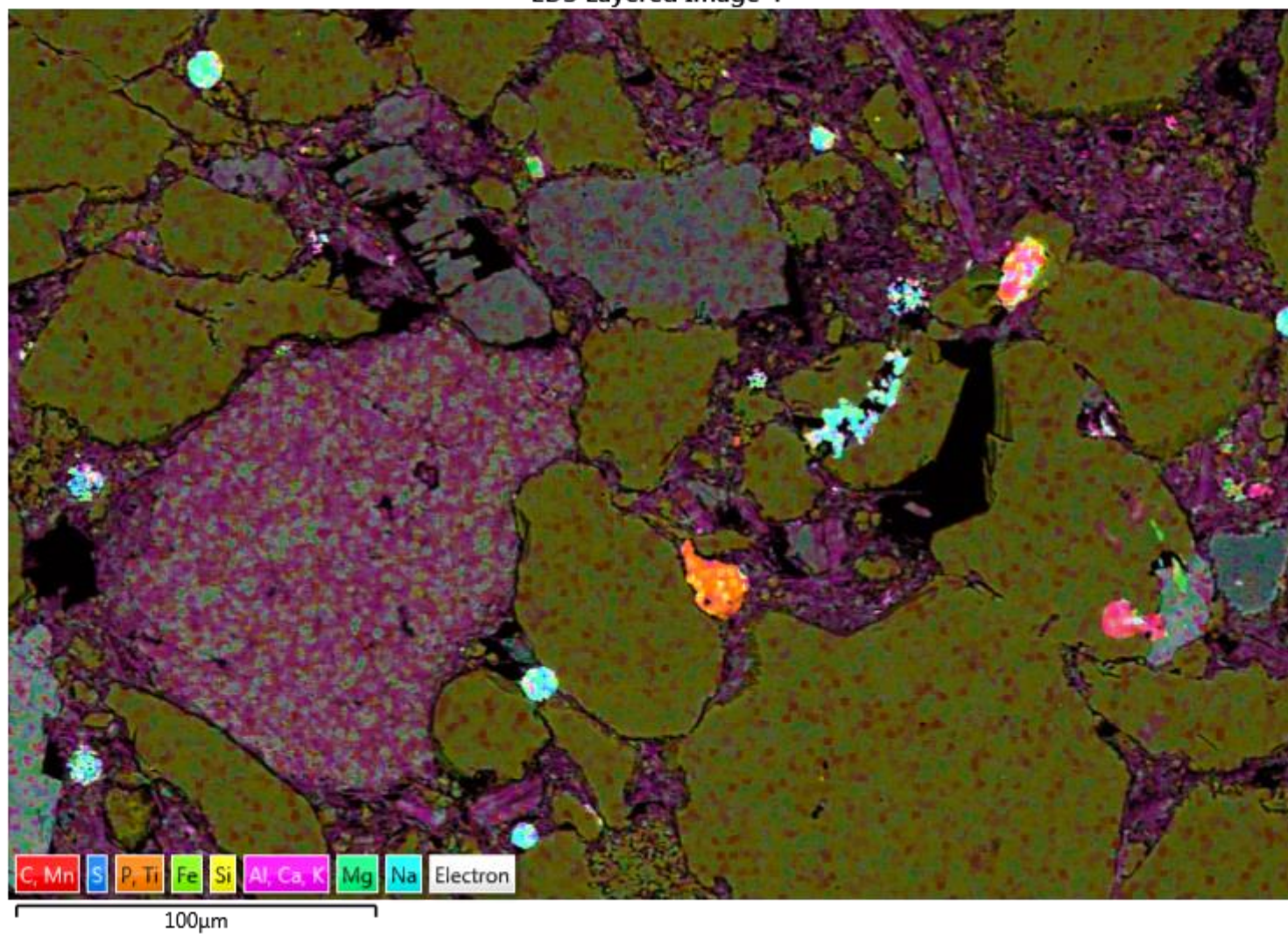
EDS Layered Image 3

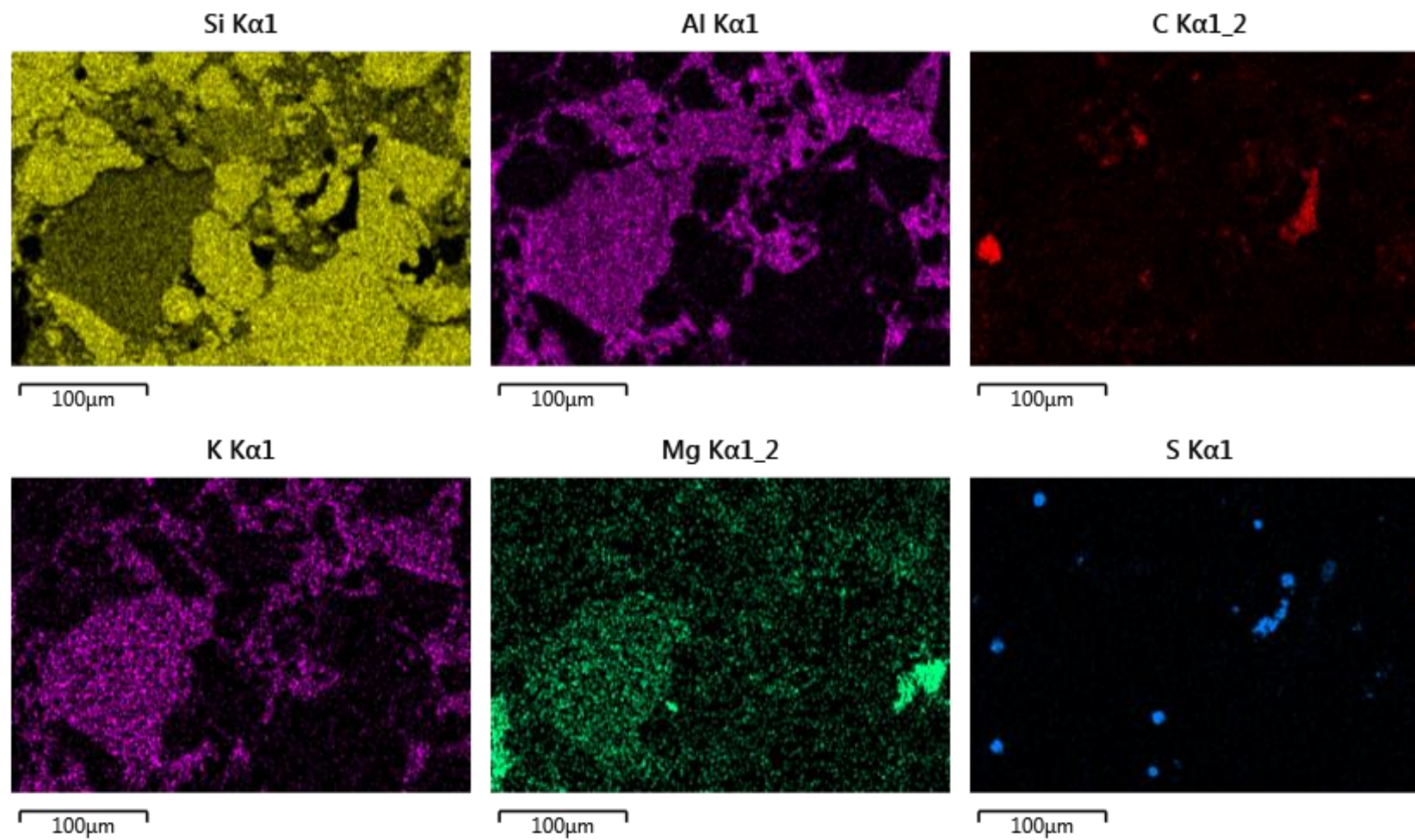


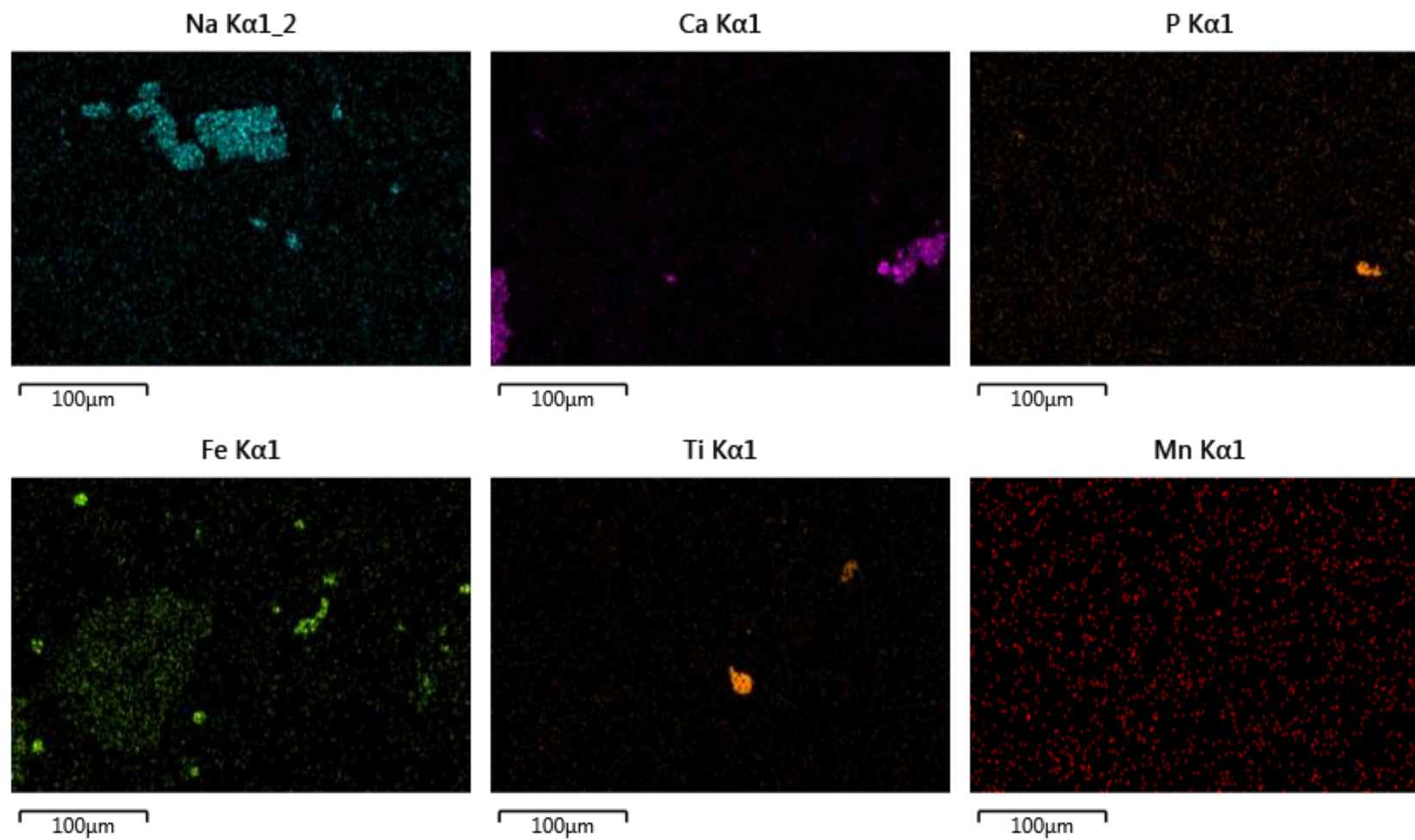




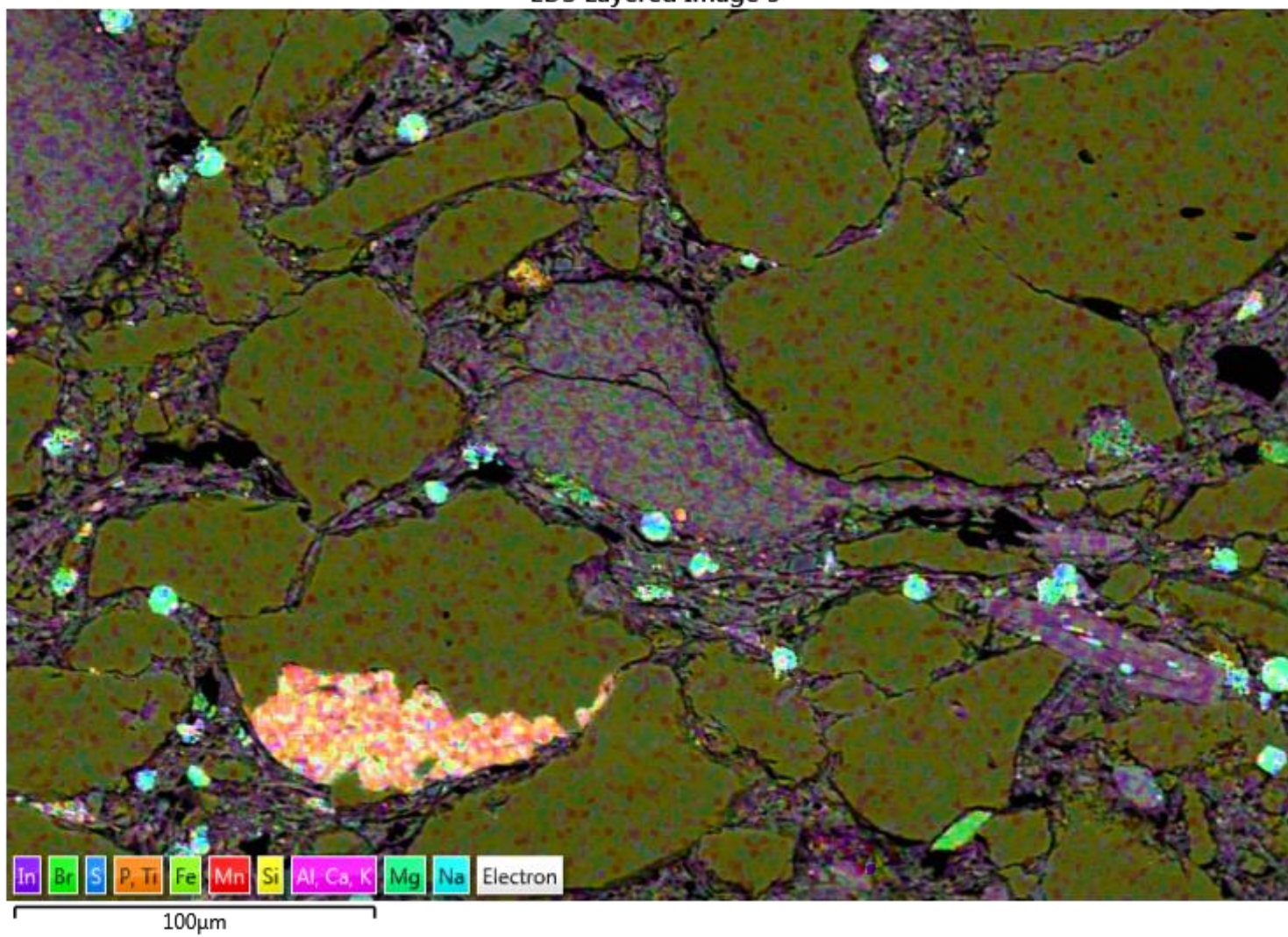
EDS Layered Image 4

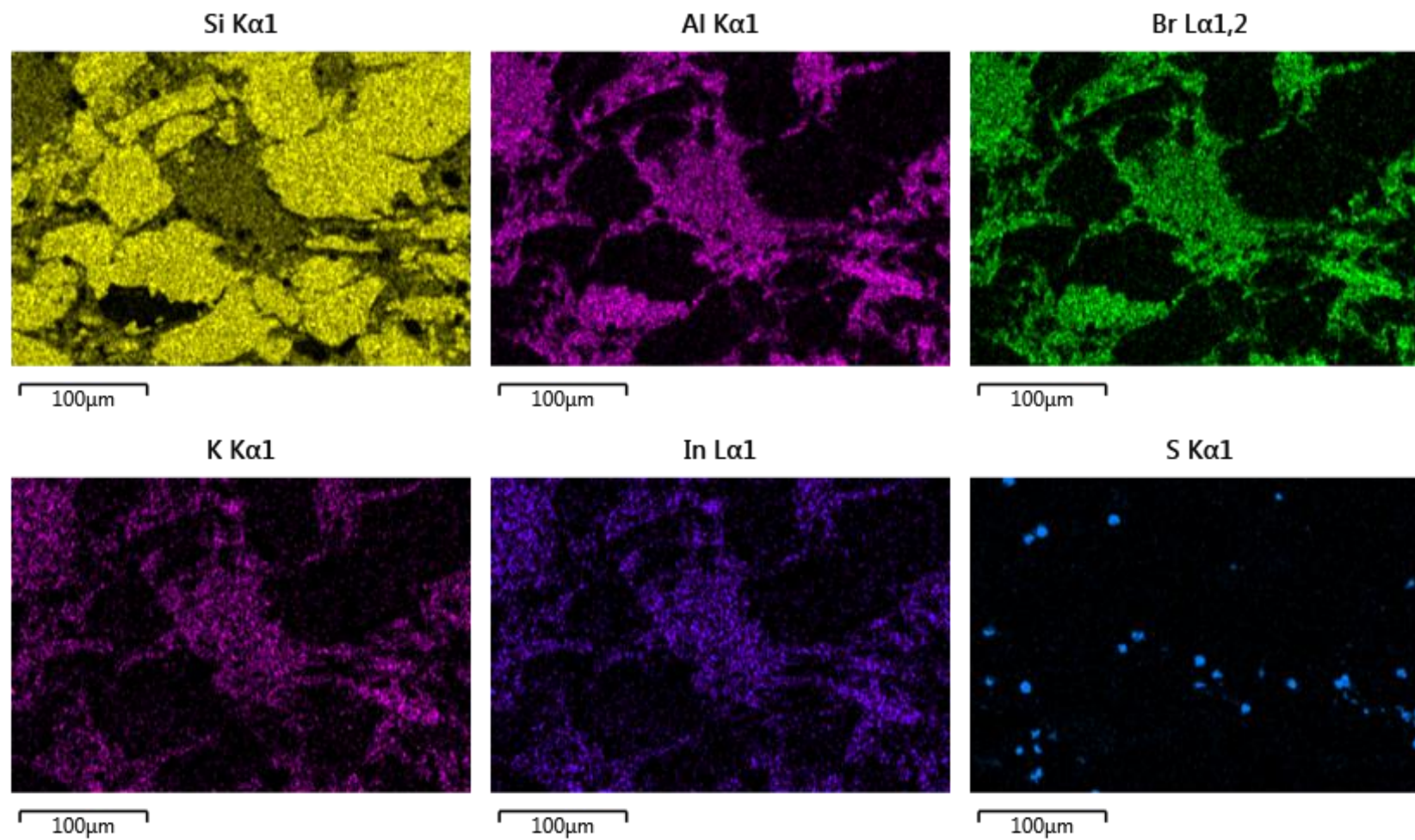


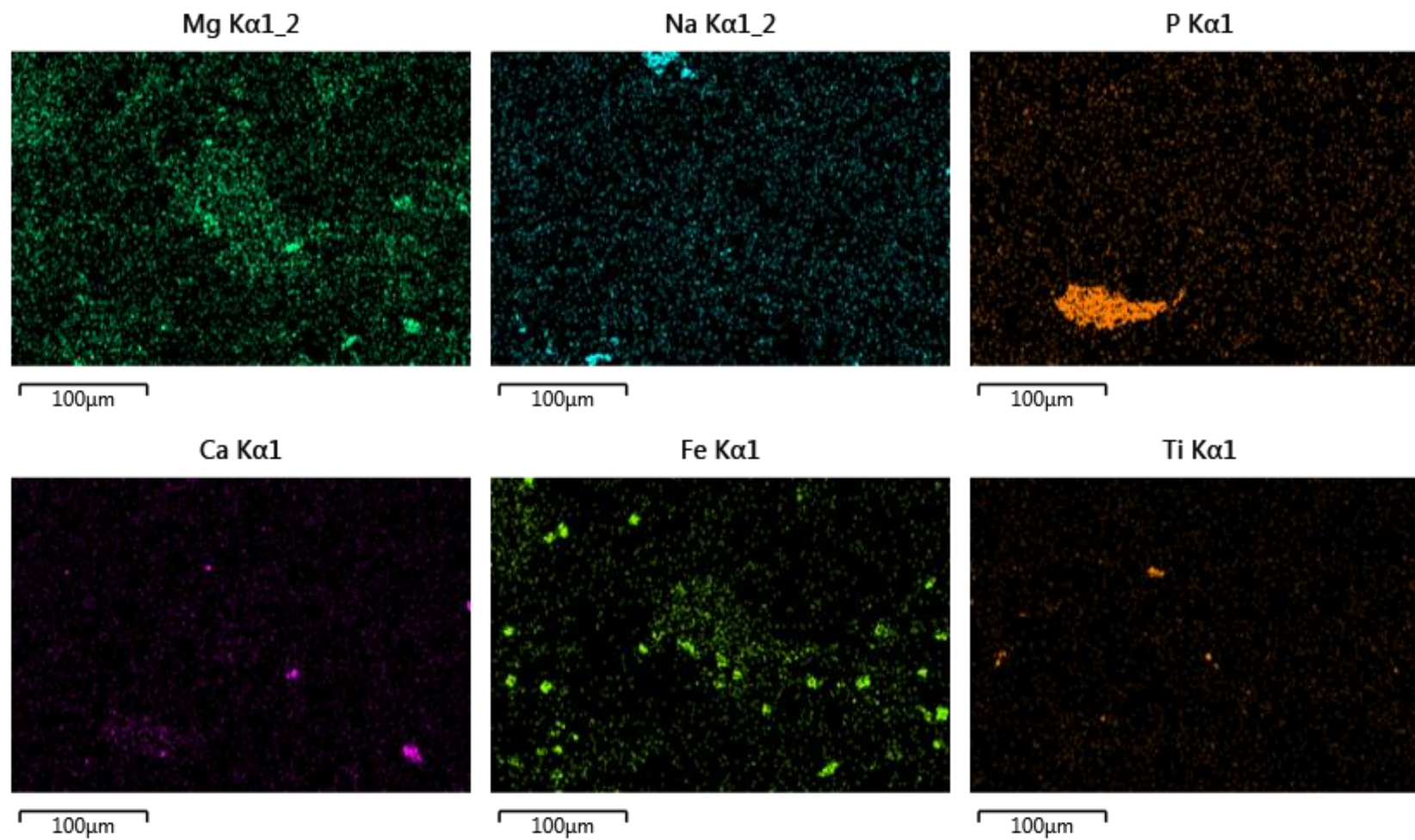




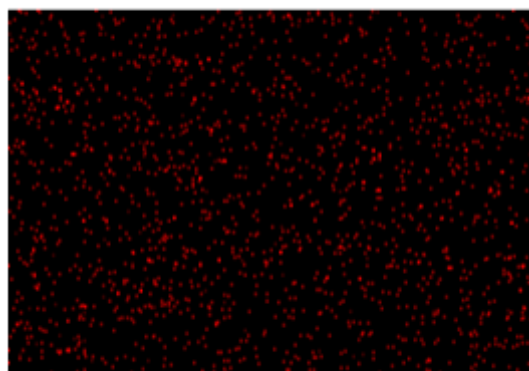
EDS Layered Image 5





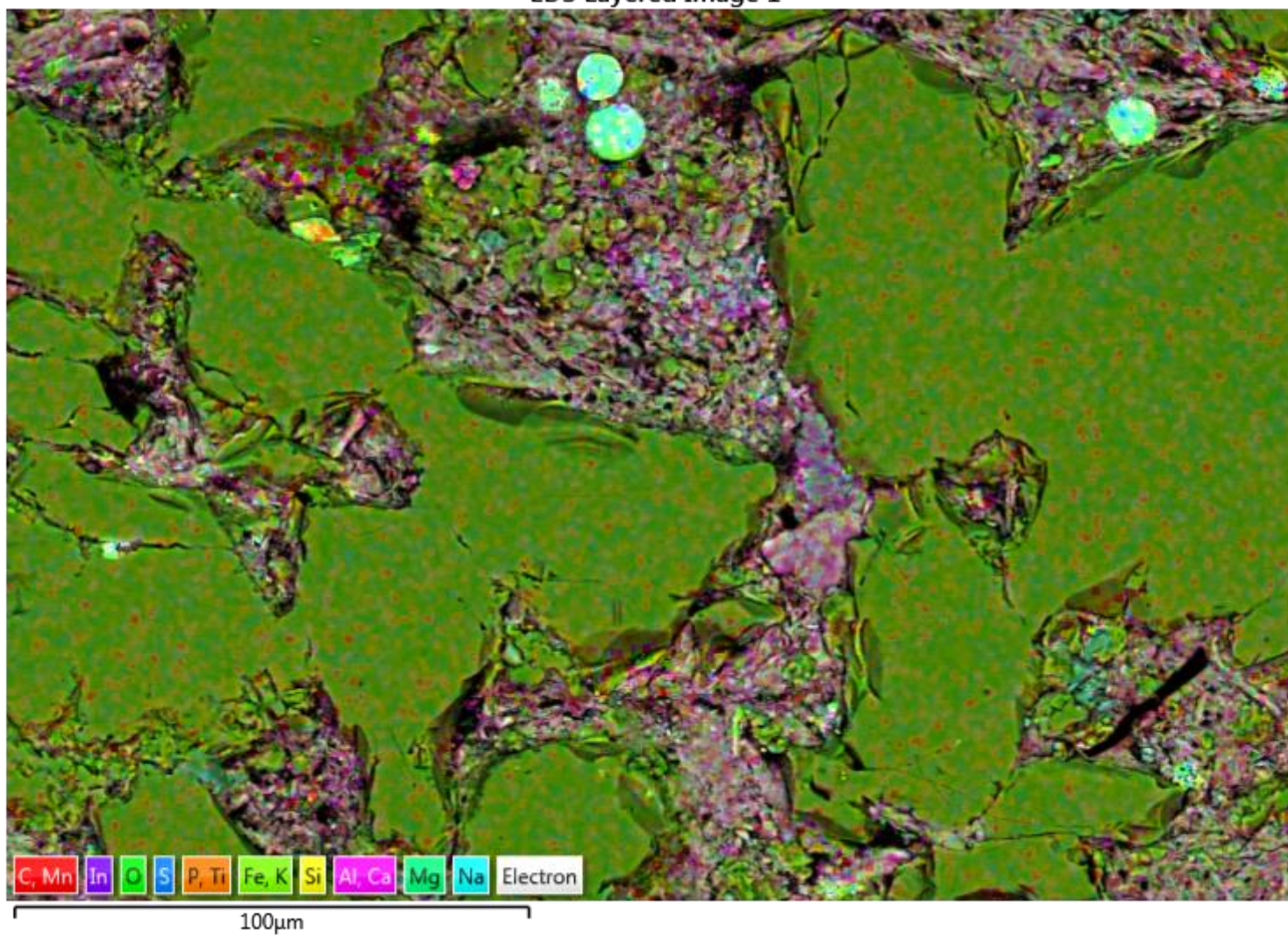


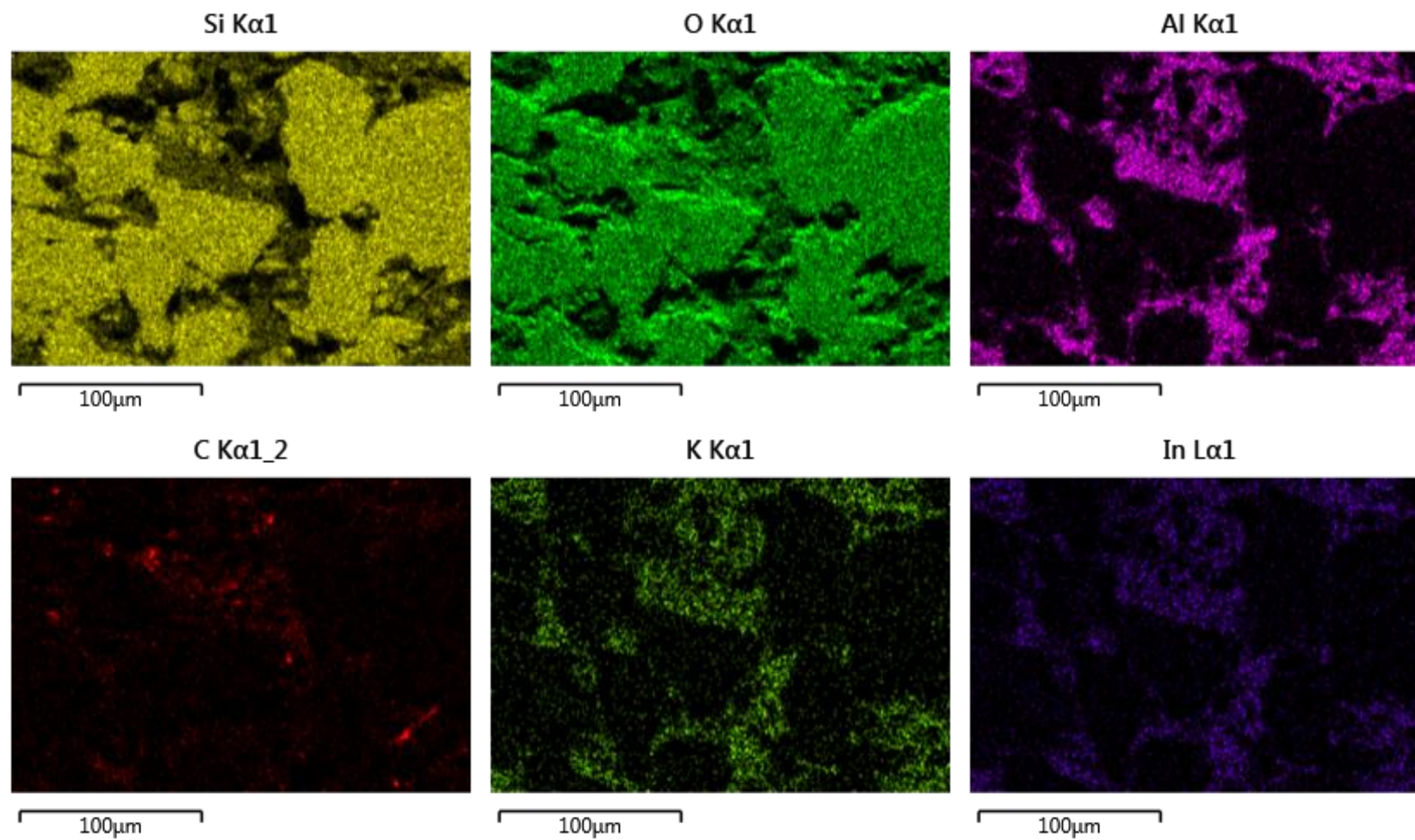
Mn K α 1

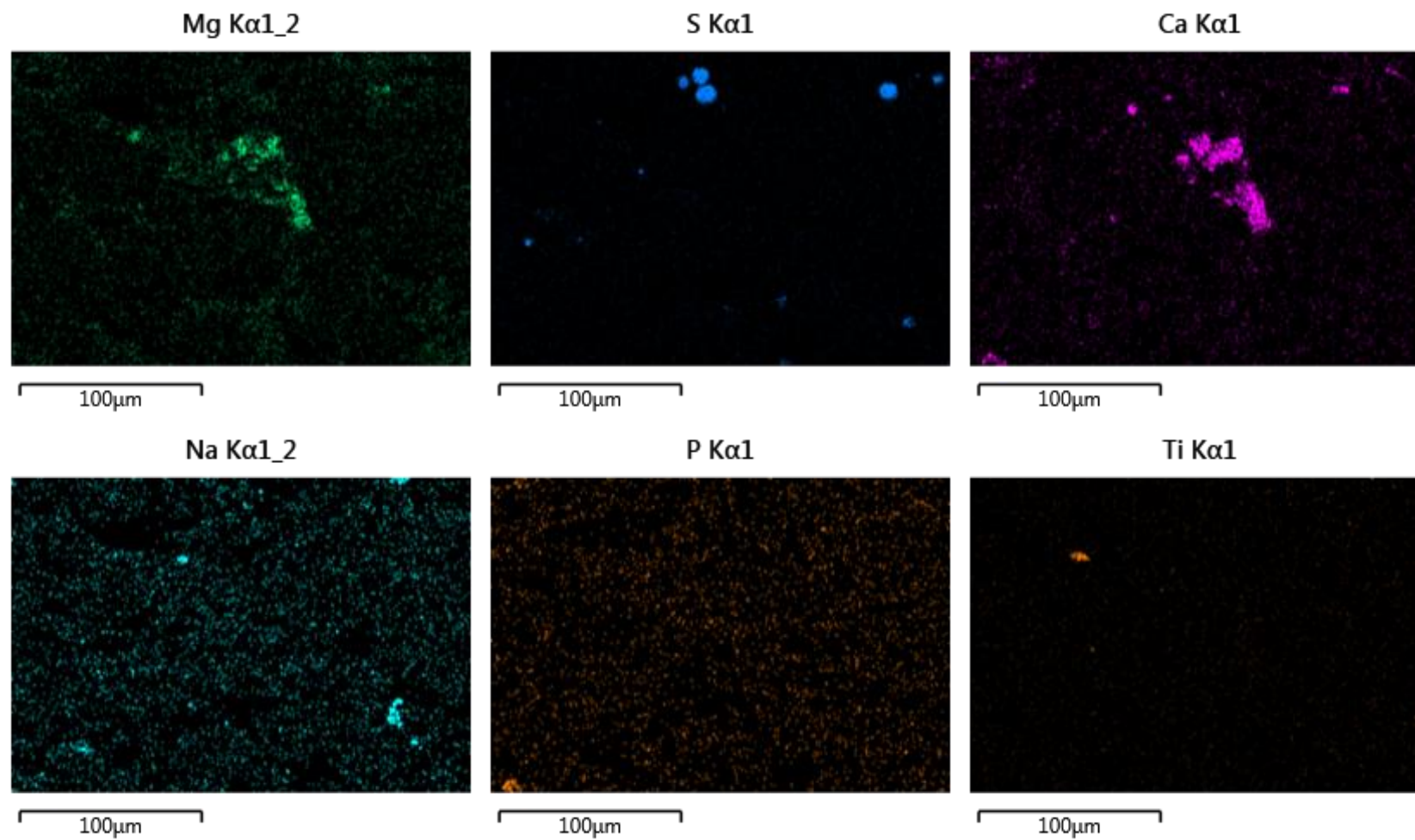


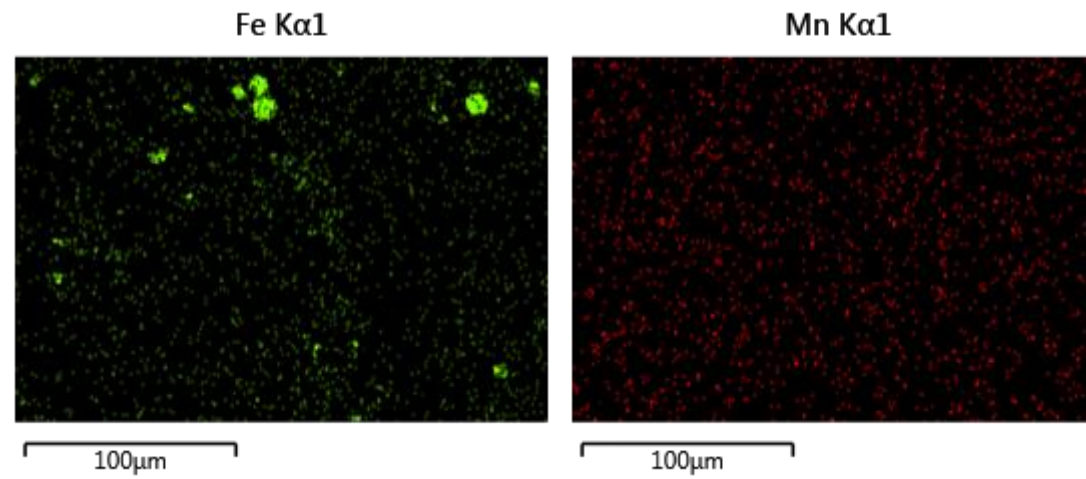
100 μ m

EDS Layered Image 1

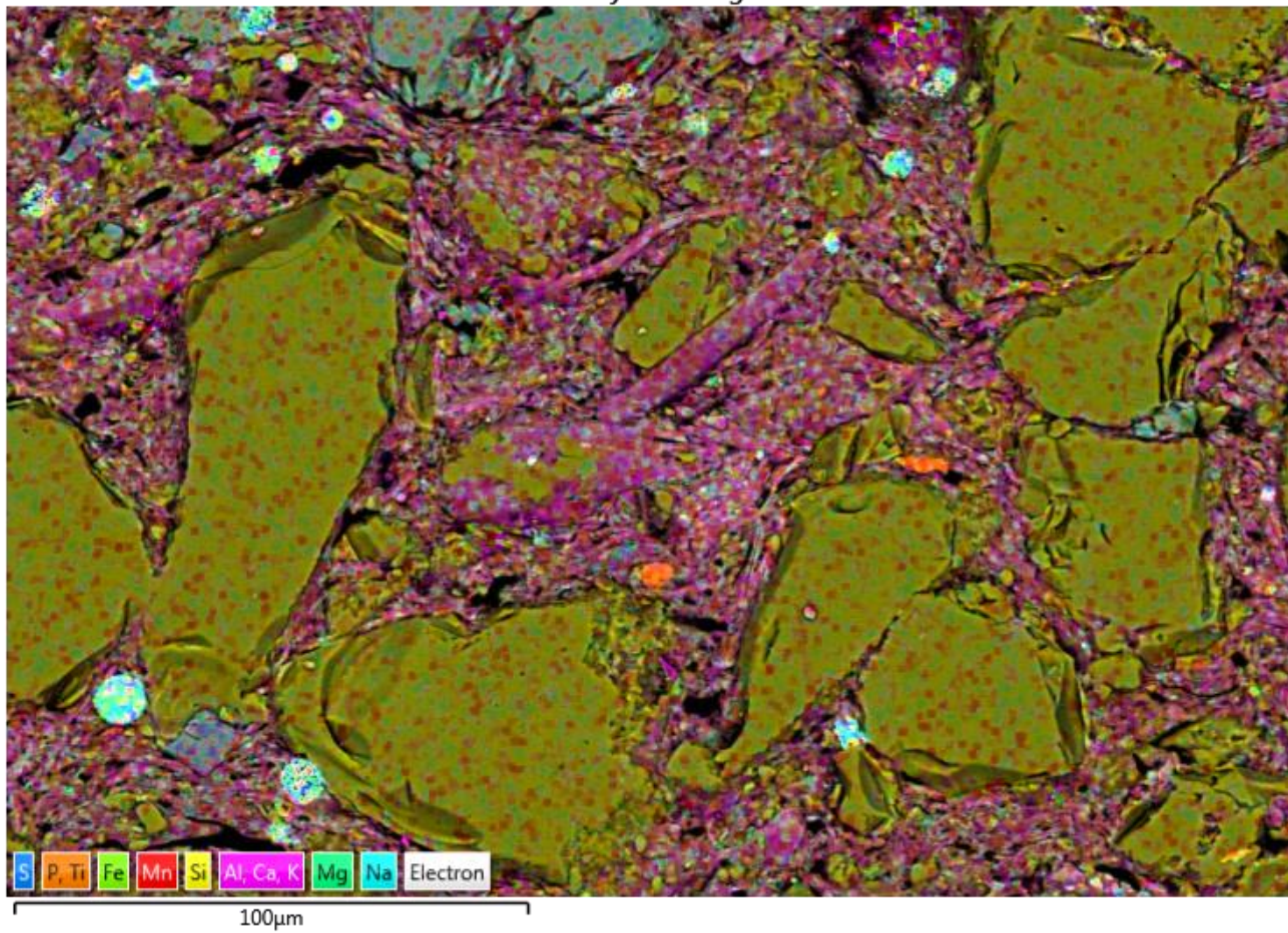


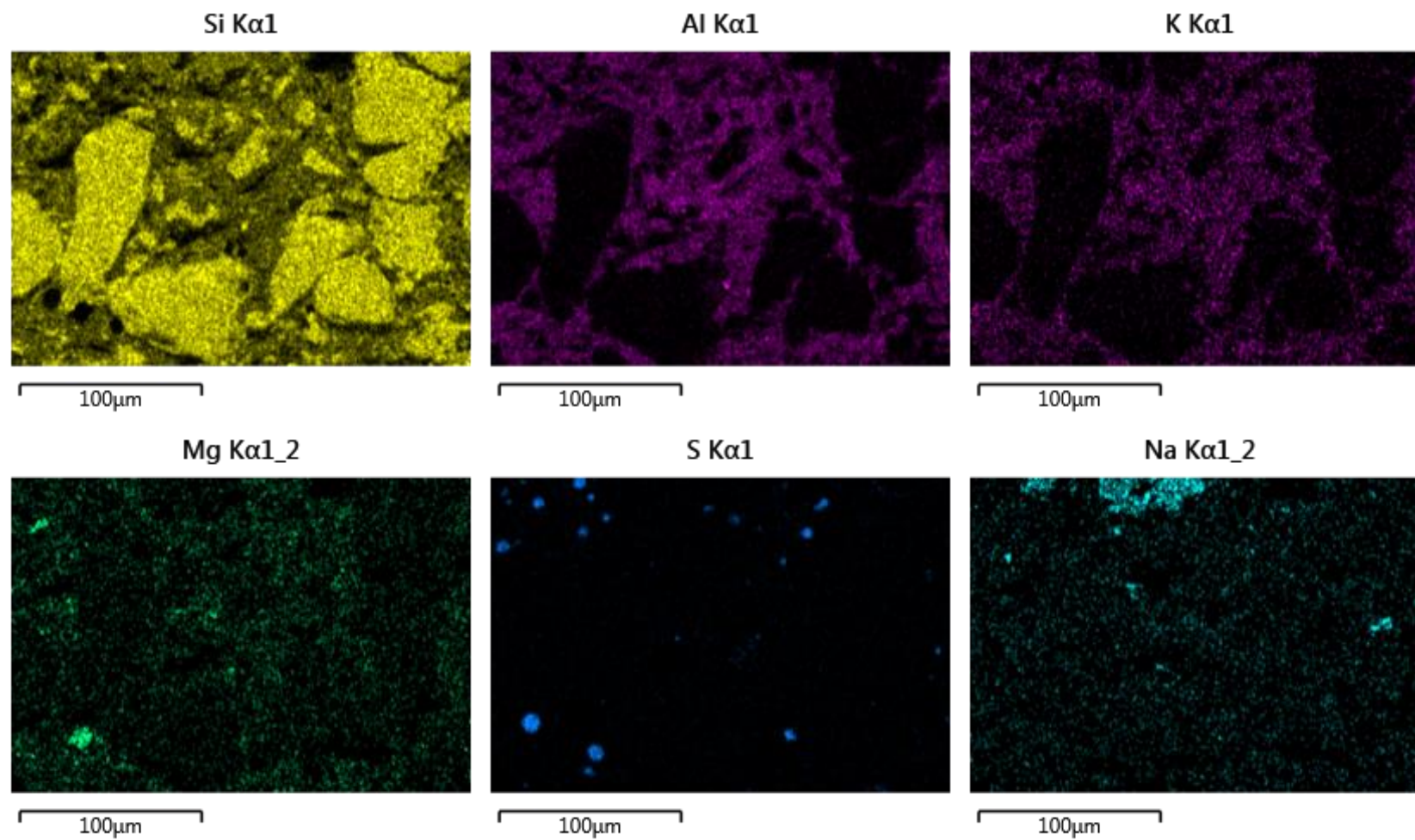


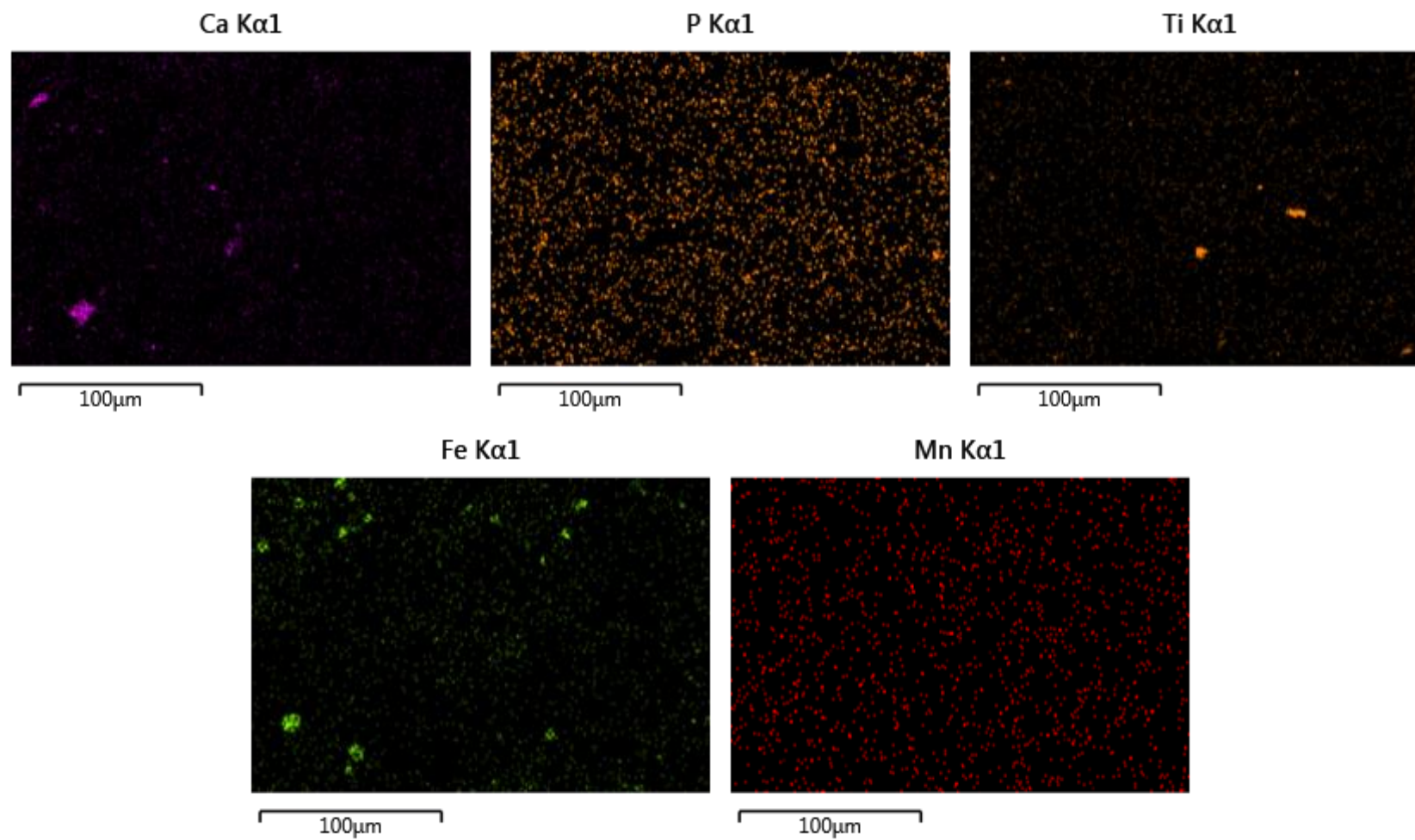




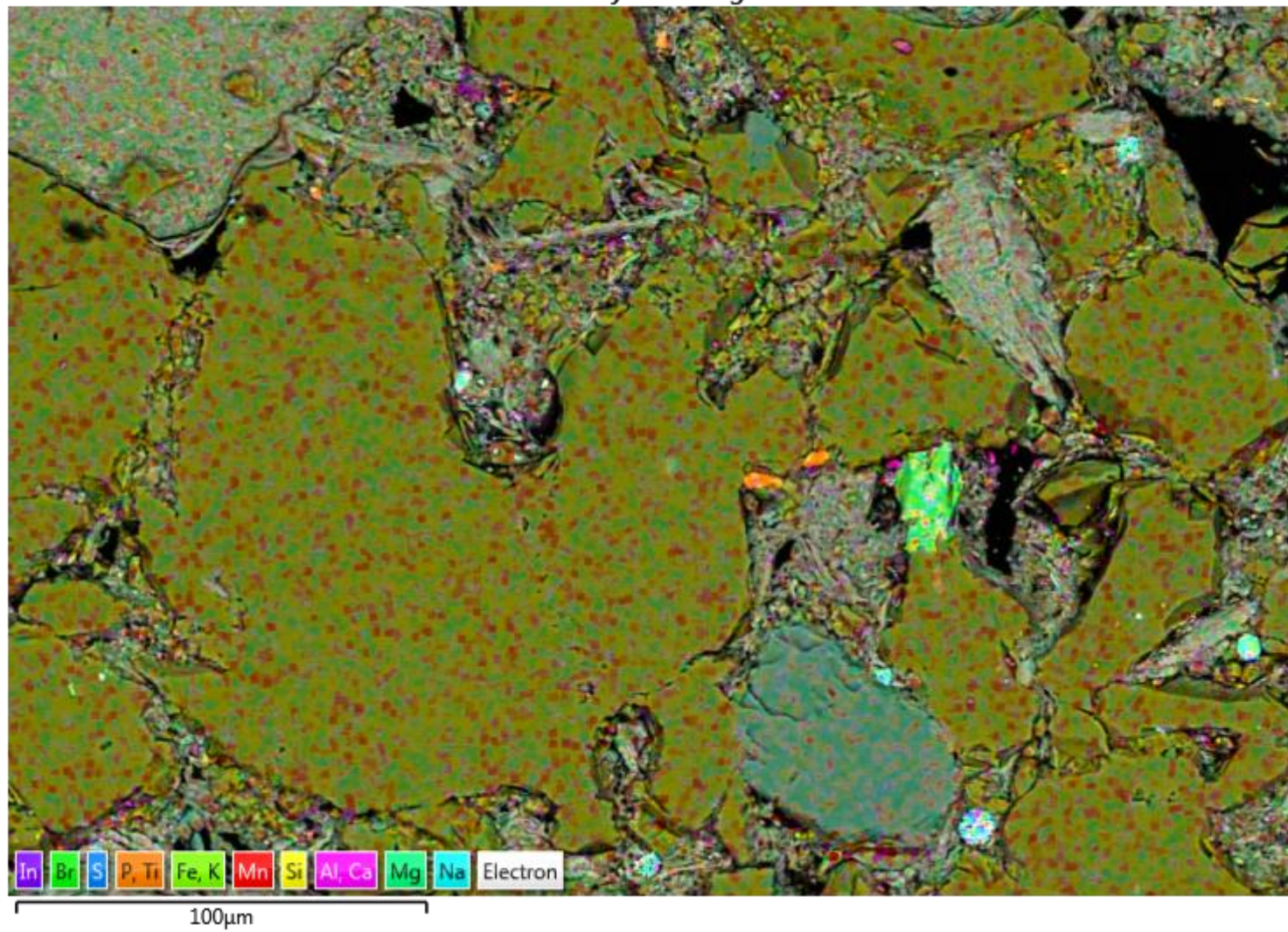
EDS Layered Image 2

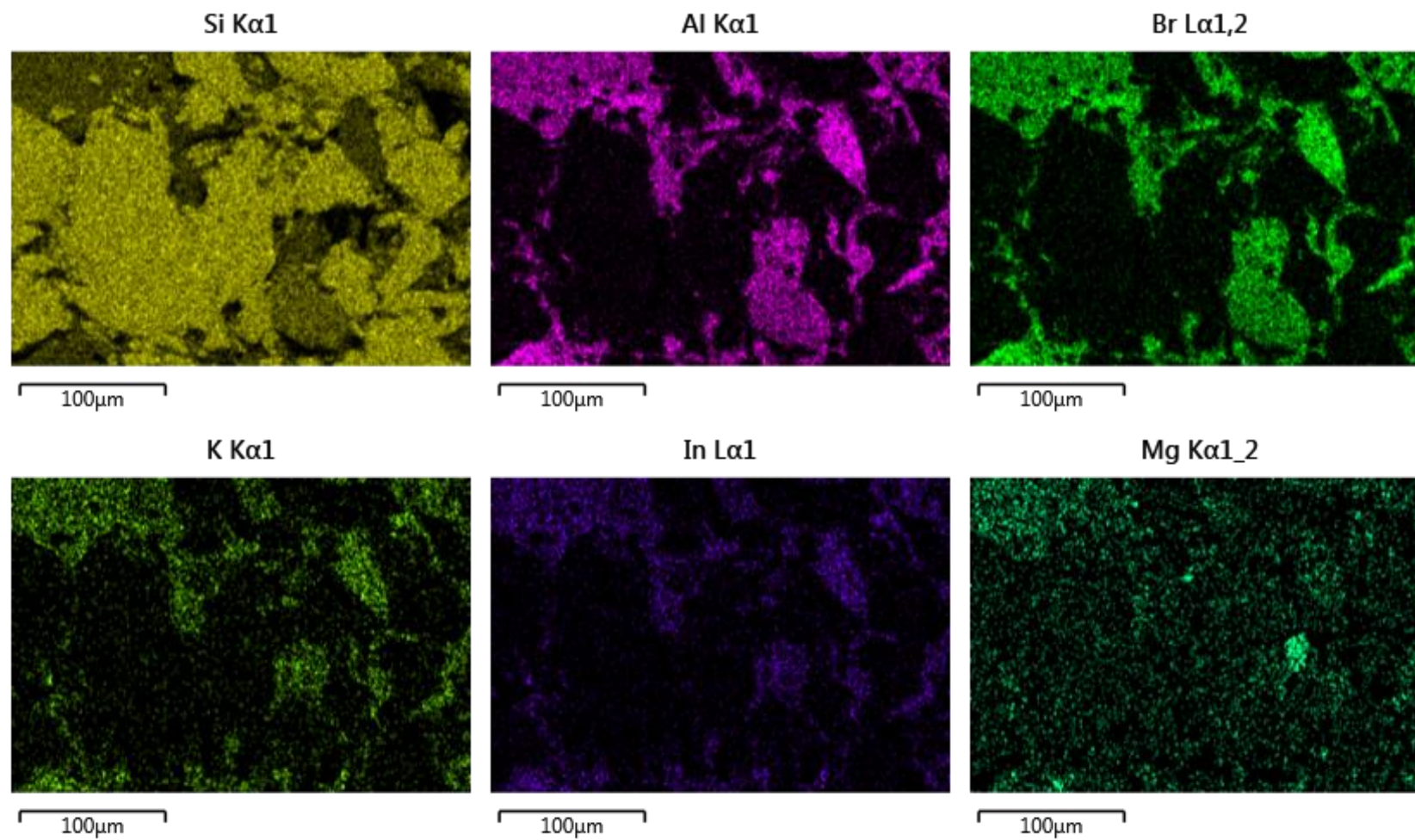


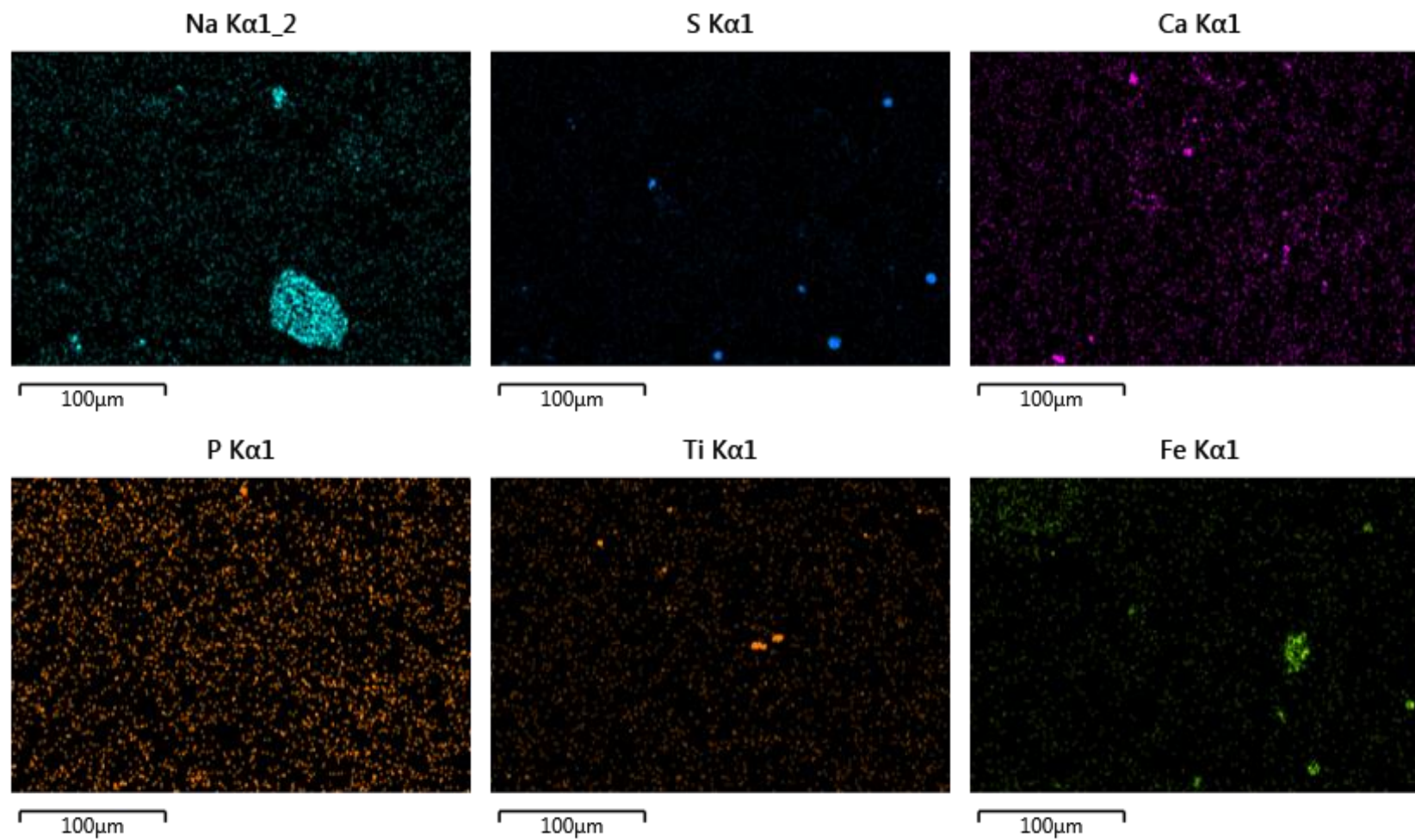




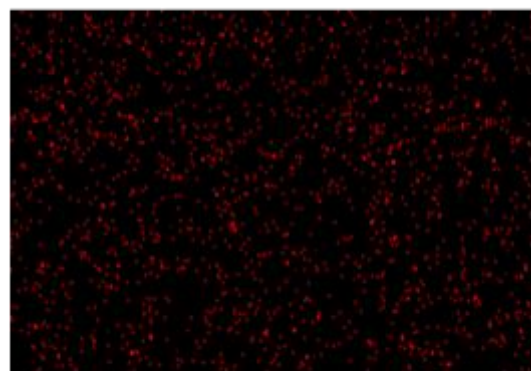
EDS Layered Image 3





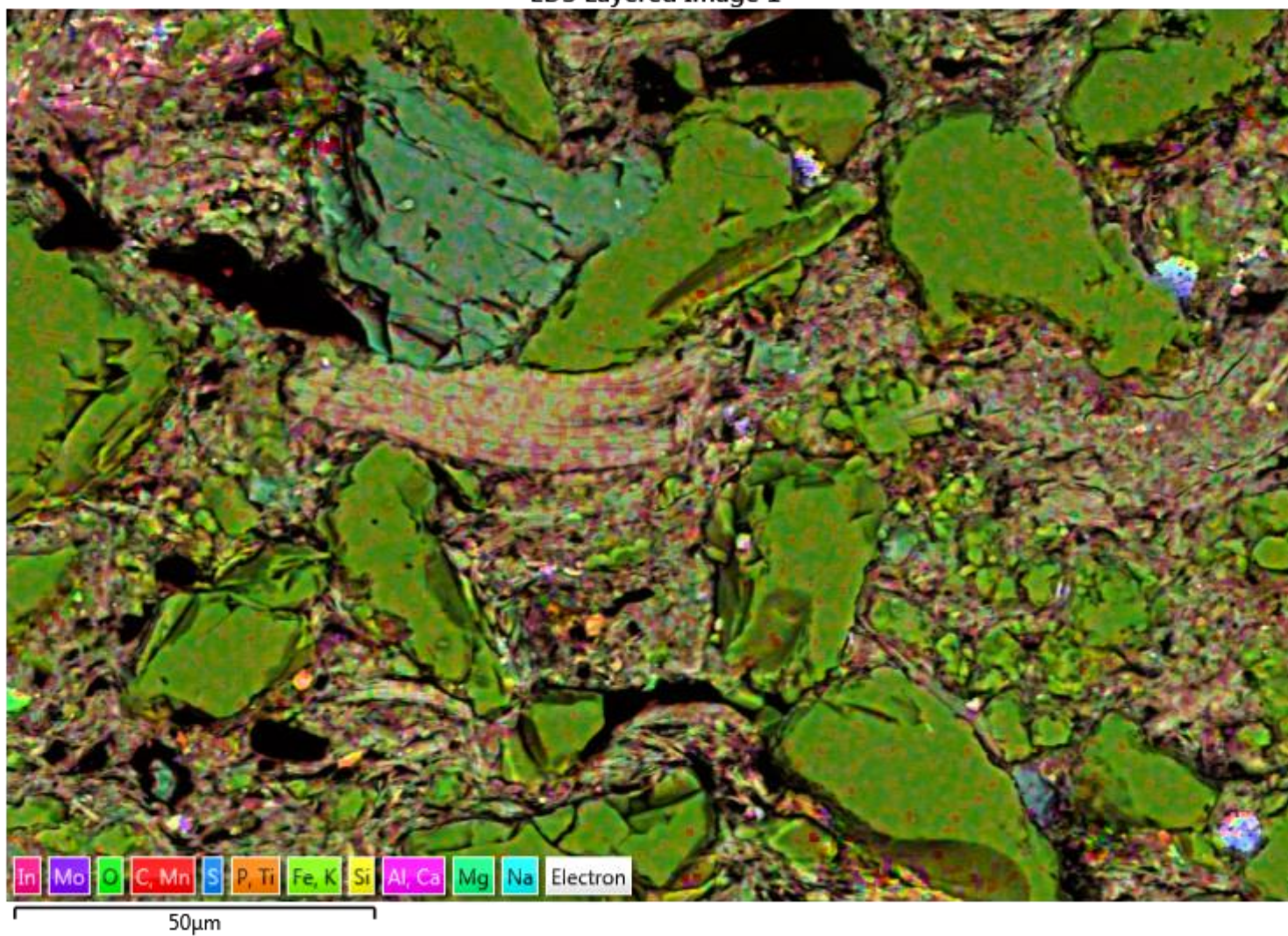


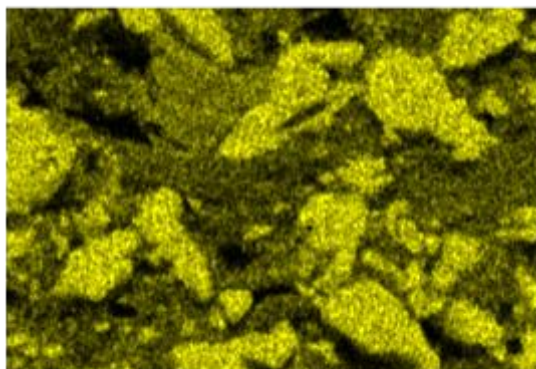
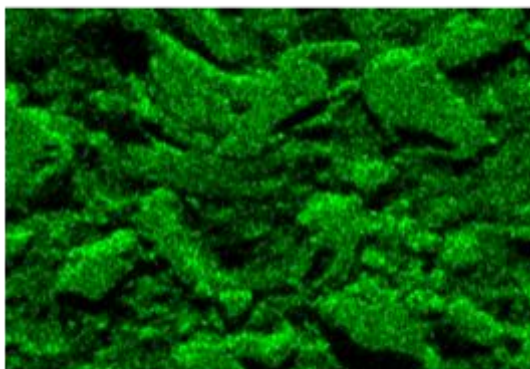
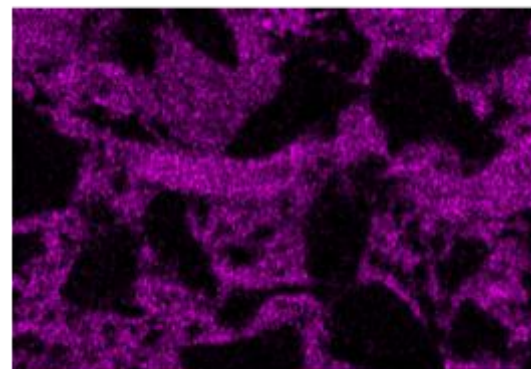
Mn K α 1



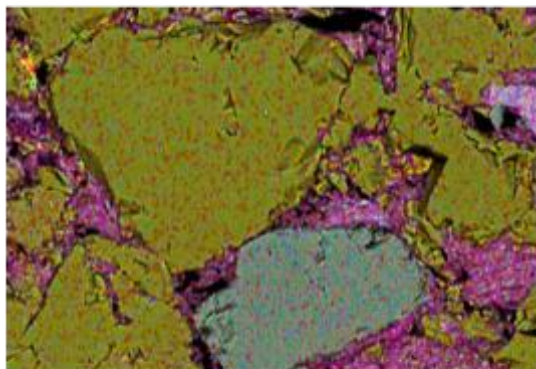
100 μ m

EDS Layered Image 1

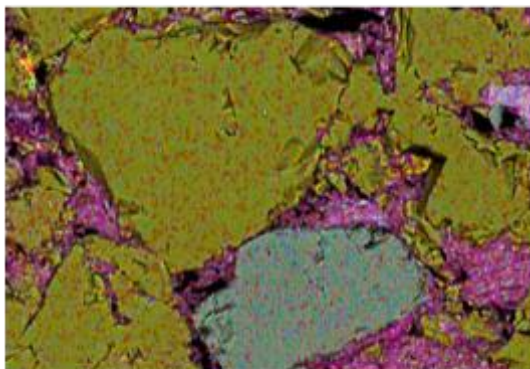
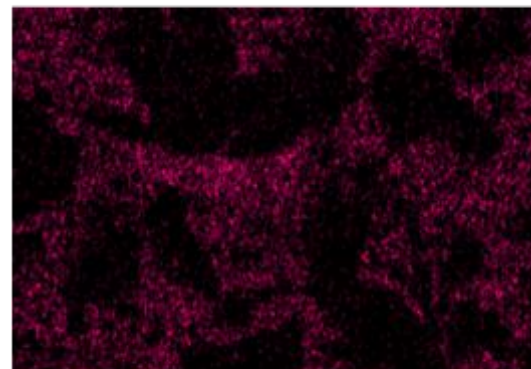


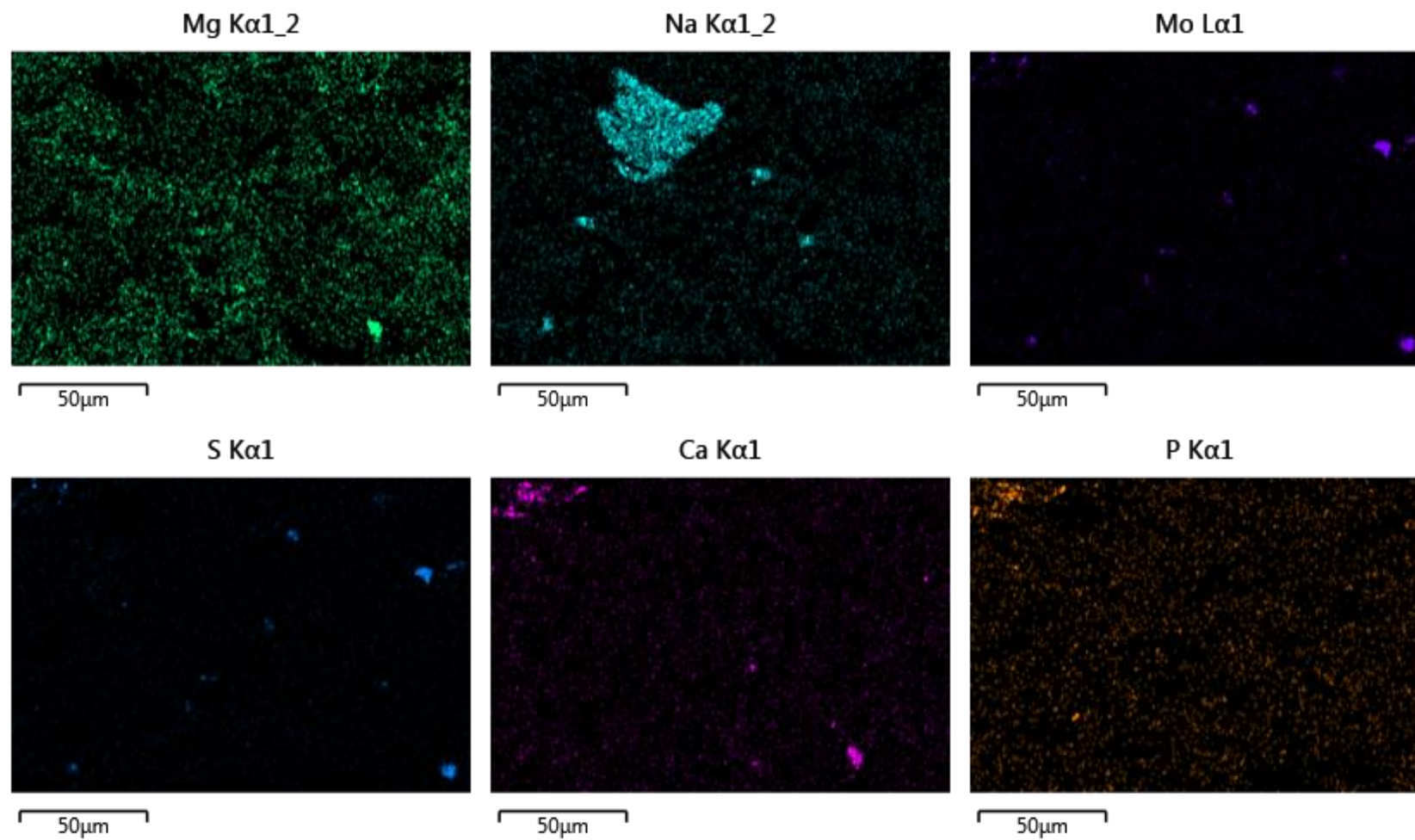
Si K α 150 μ mO K α 150 μ mAl K α 150 μ m

EDS Layered Image 2

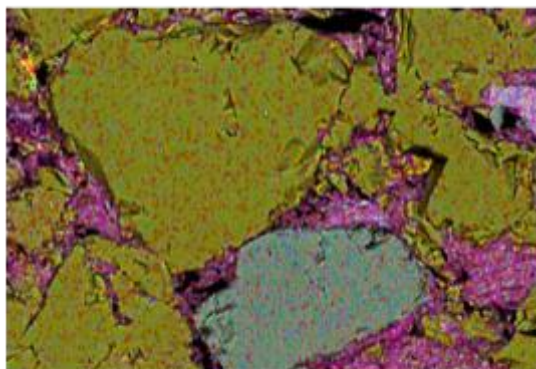
50 μ m

EDS Layered Image 2

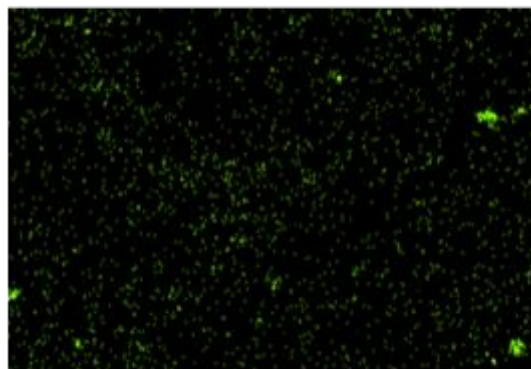
50 μ mIn L α 150 μ m



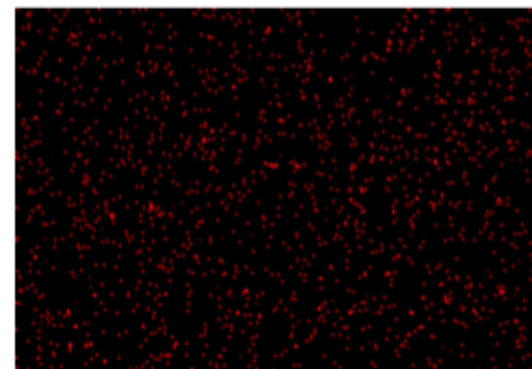
EDS Layered Image 2



50µm

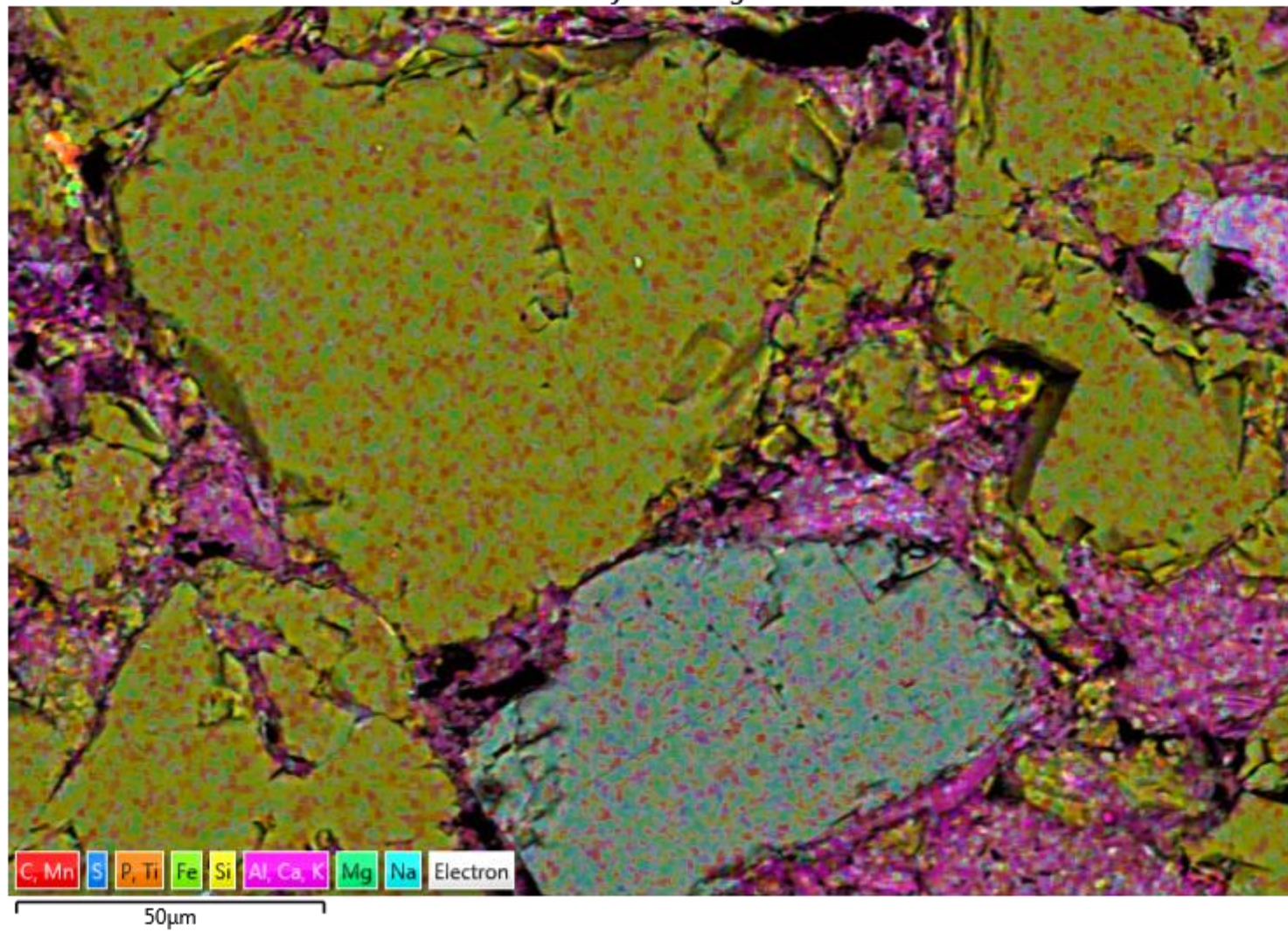
Fe K α 1

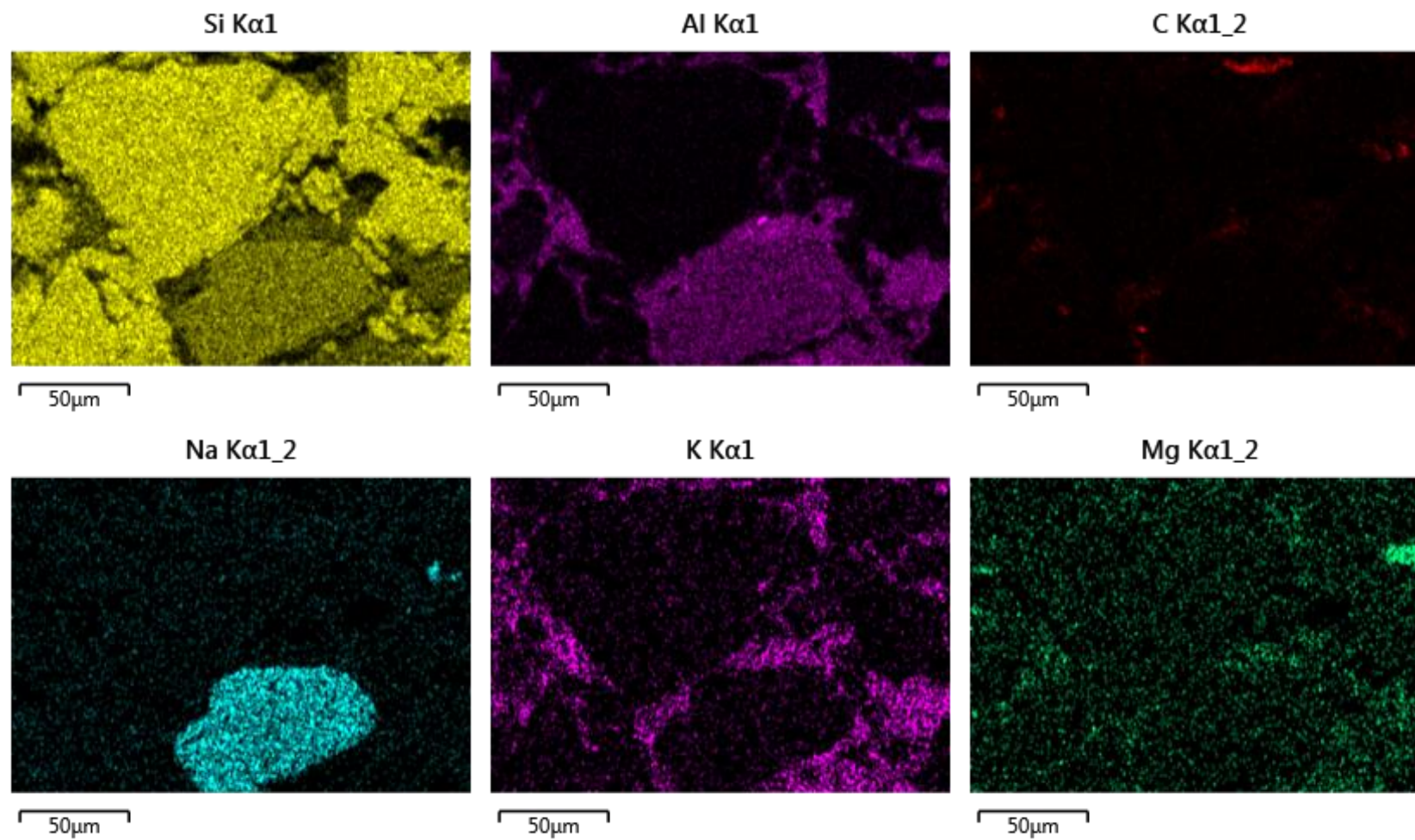
50µm

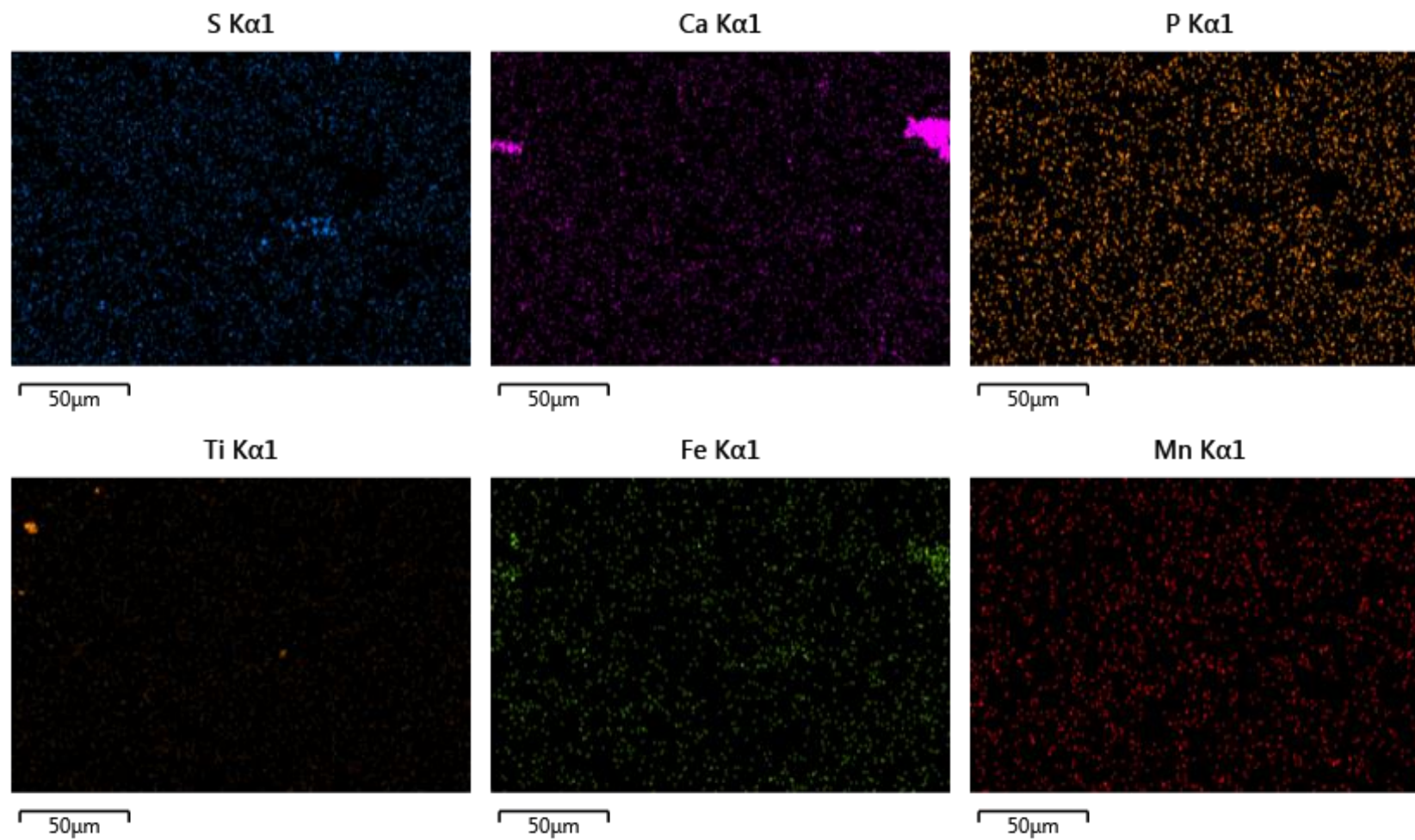
Mn K α 1

50µm

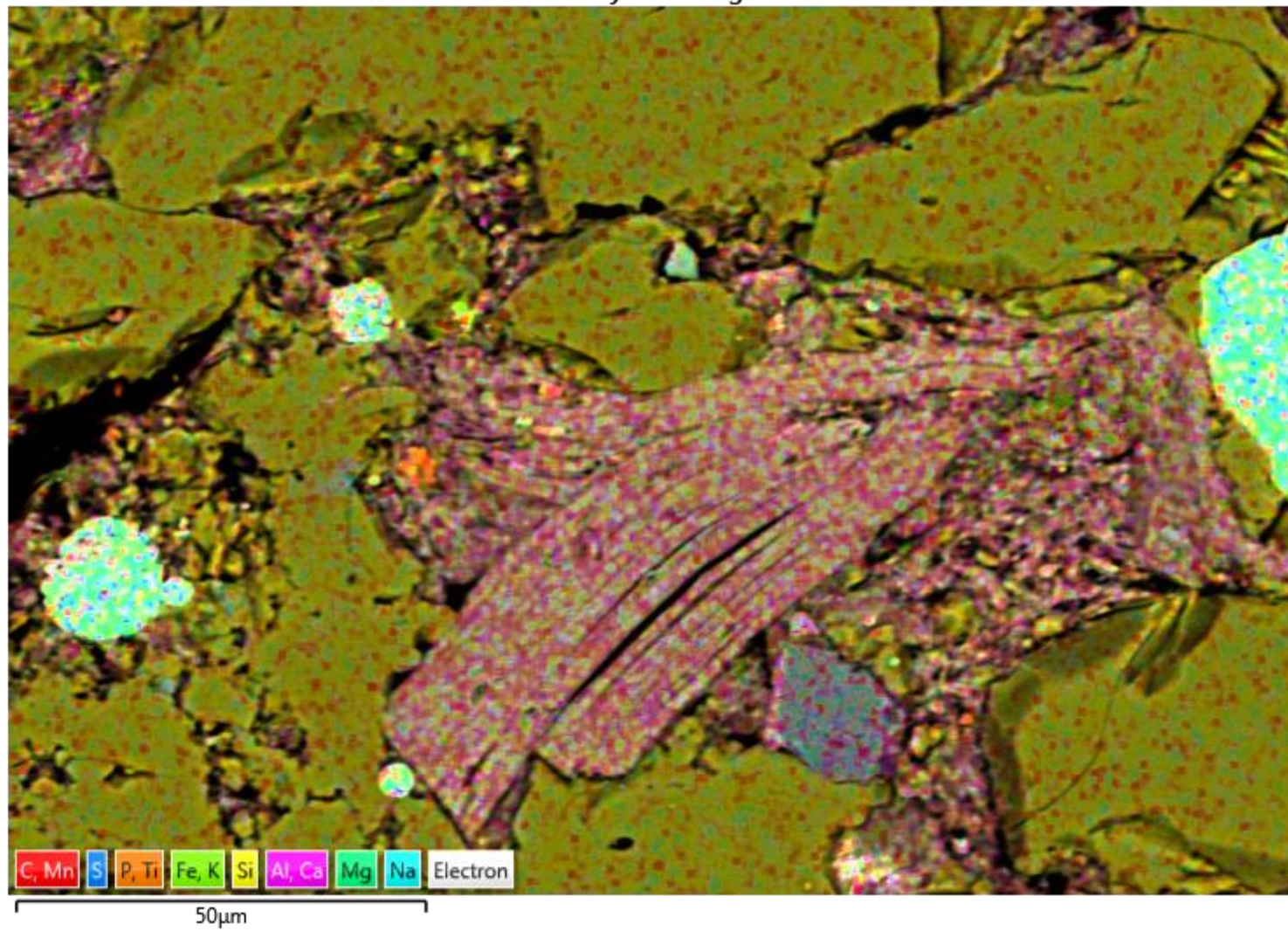
EDS Layered Image 2

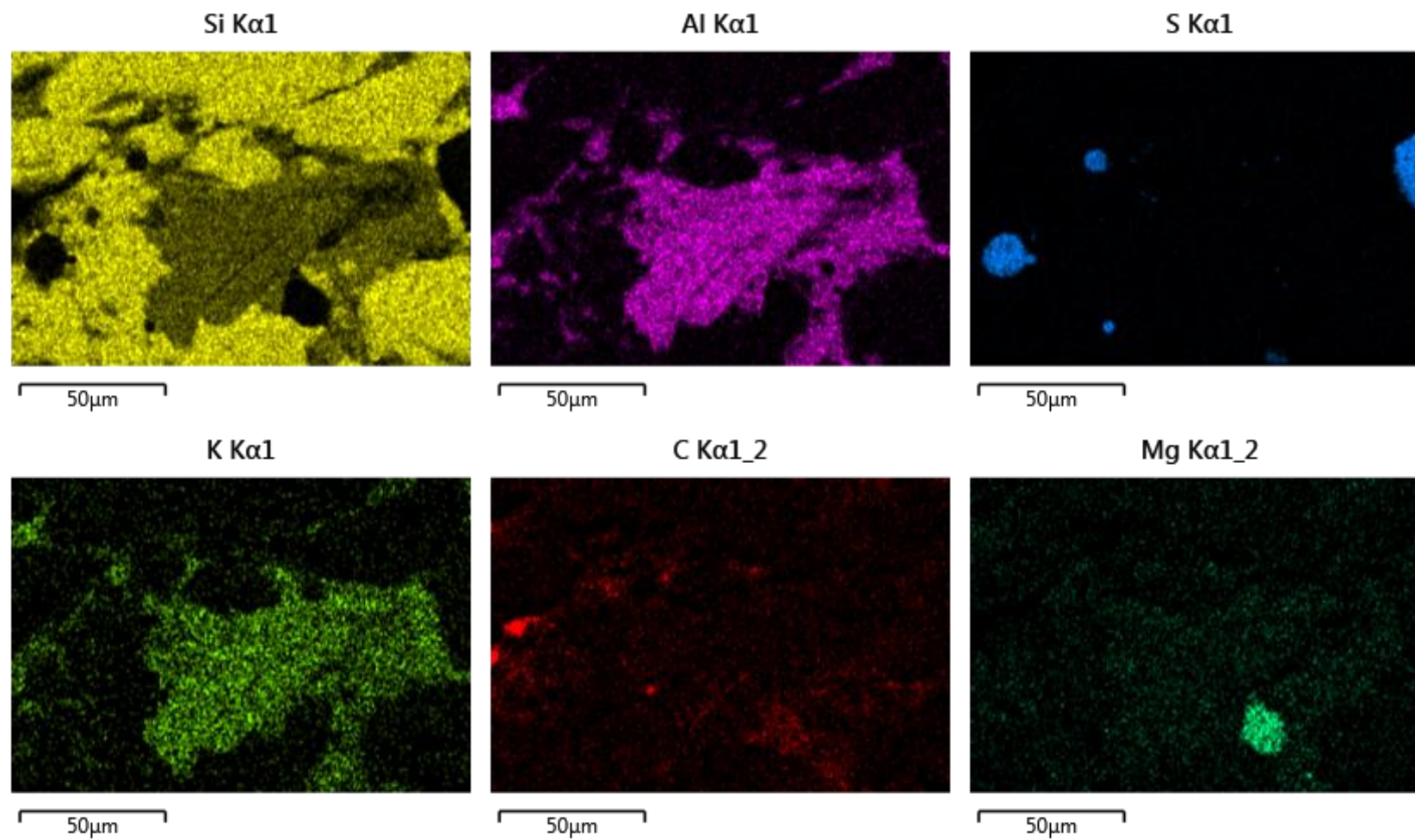


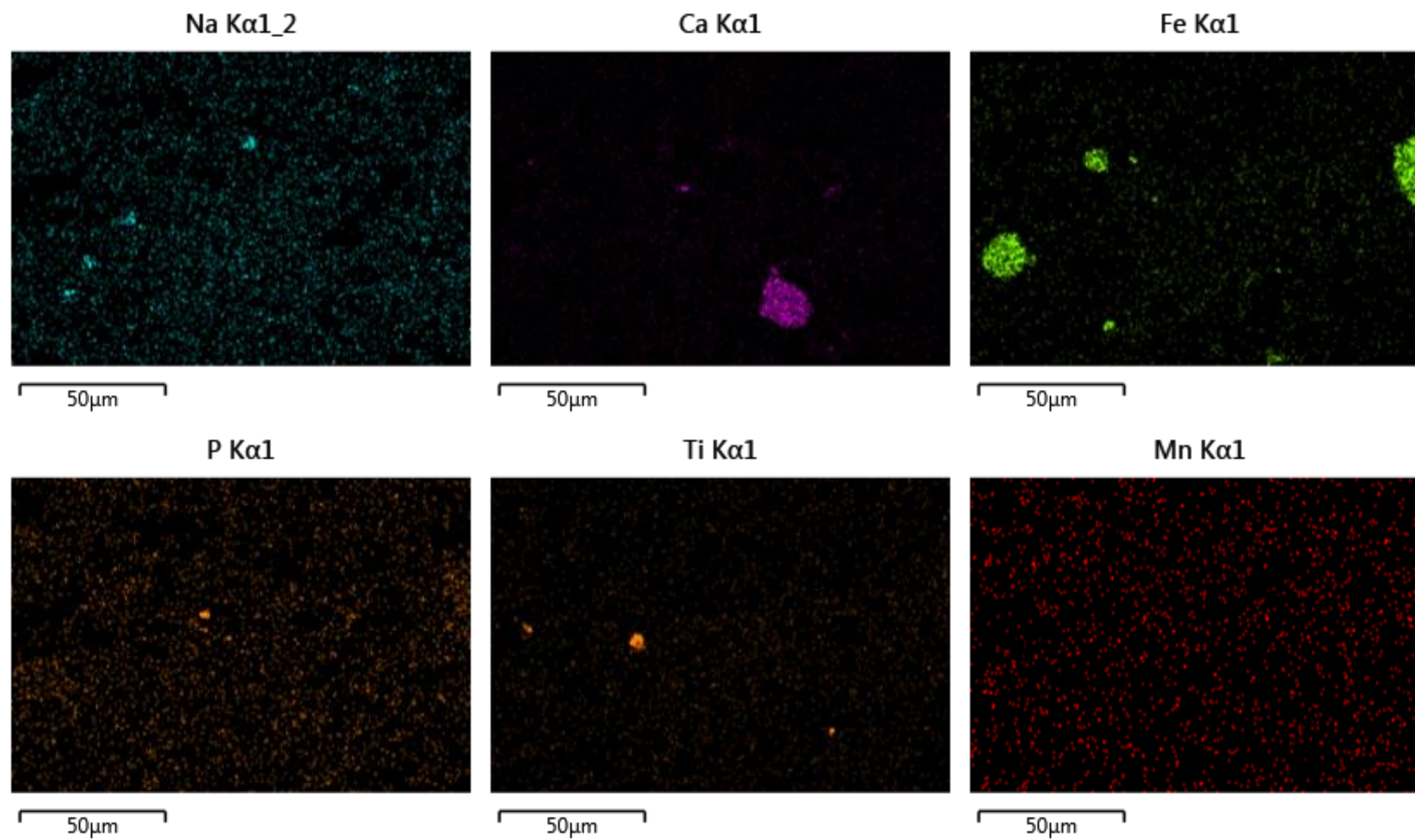




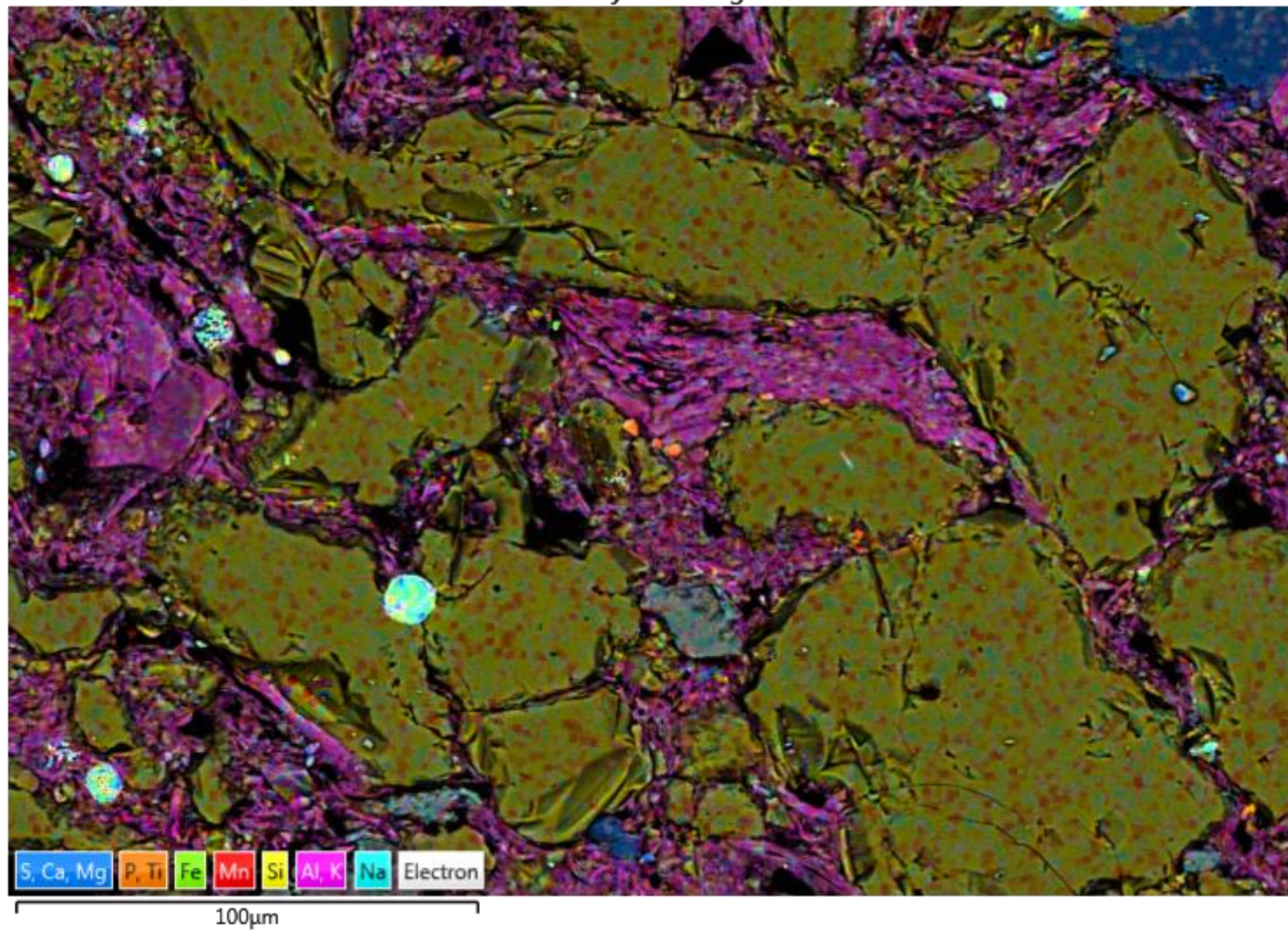
EDS Layered Image 3

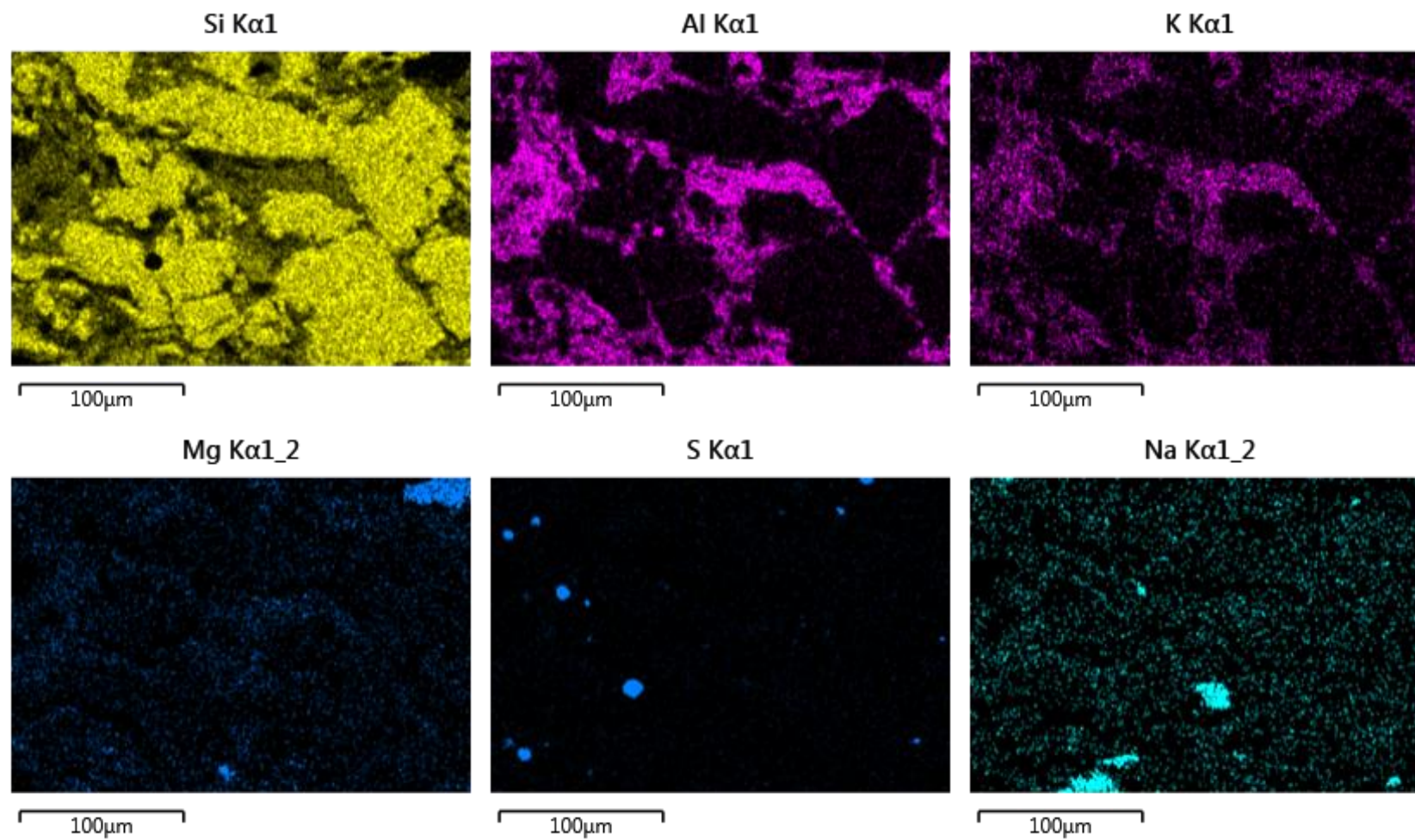


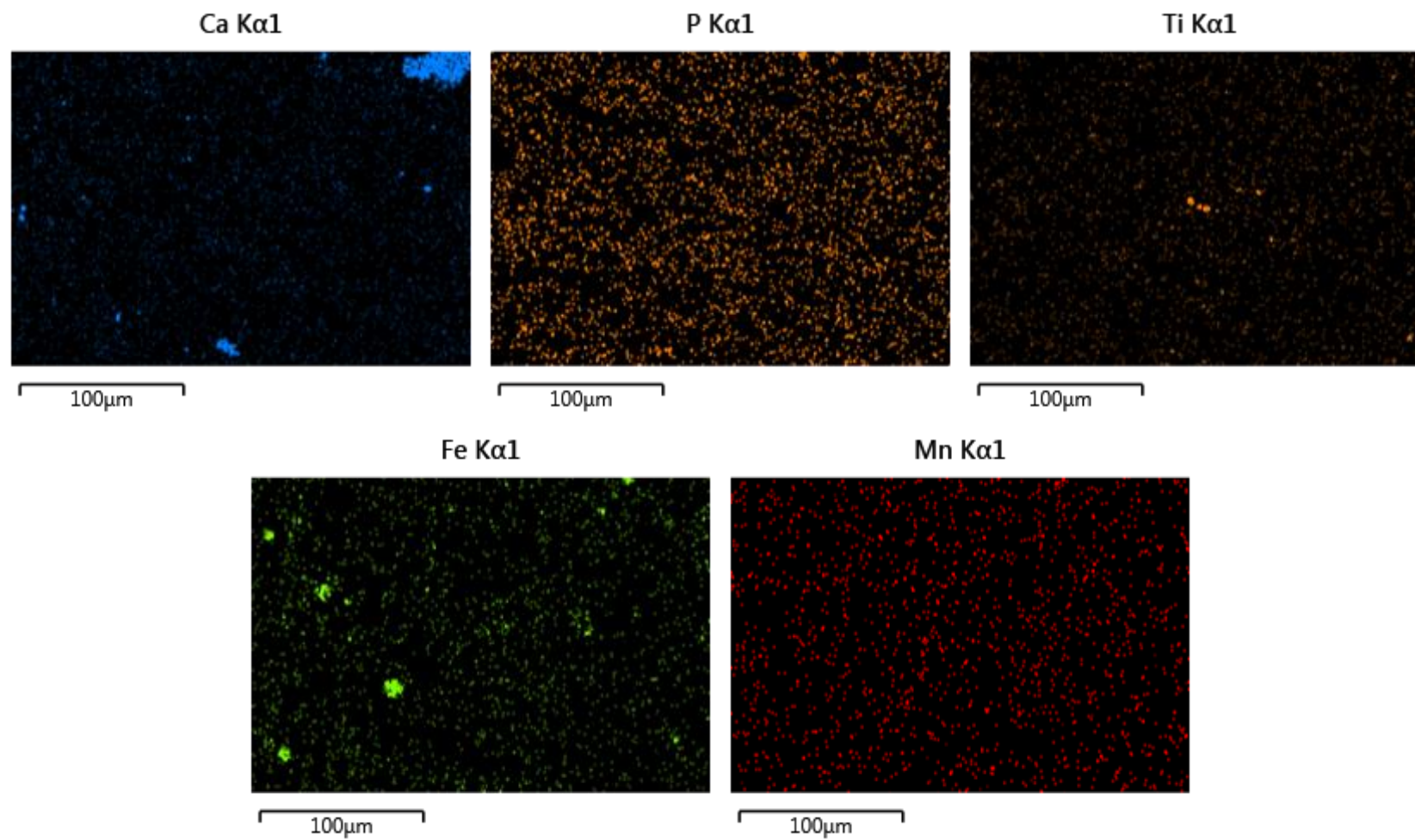




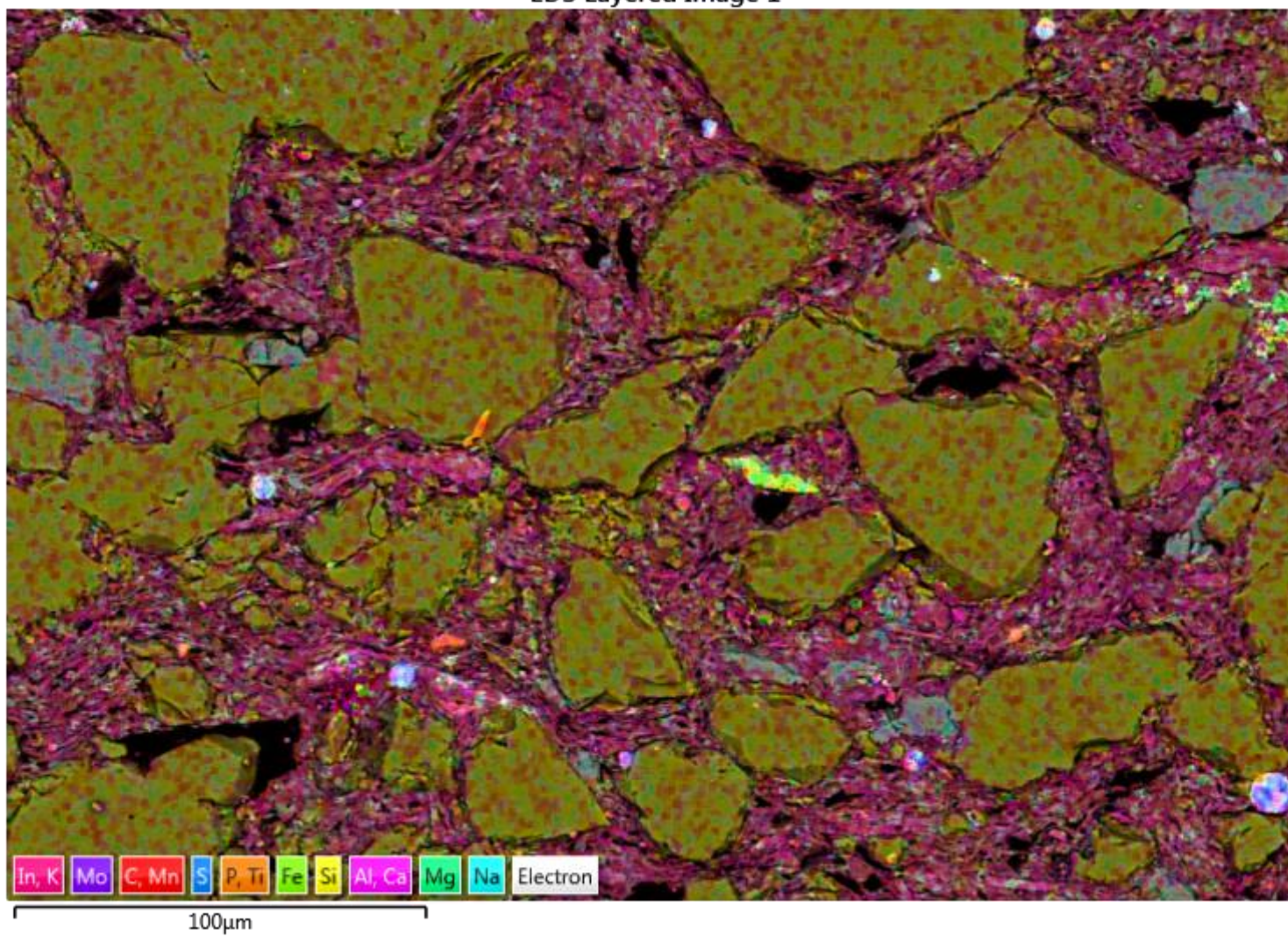
EDS Layered Image 4

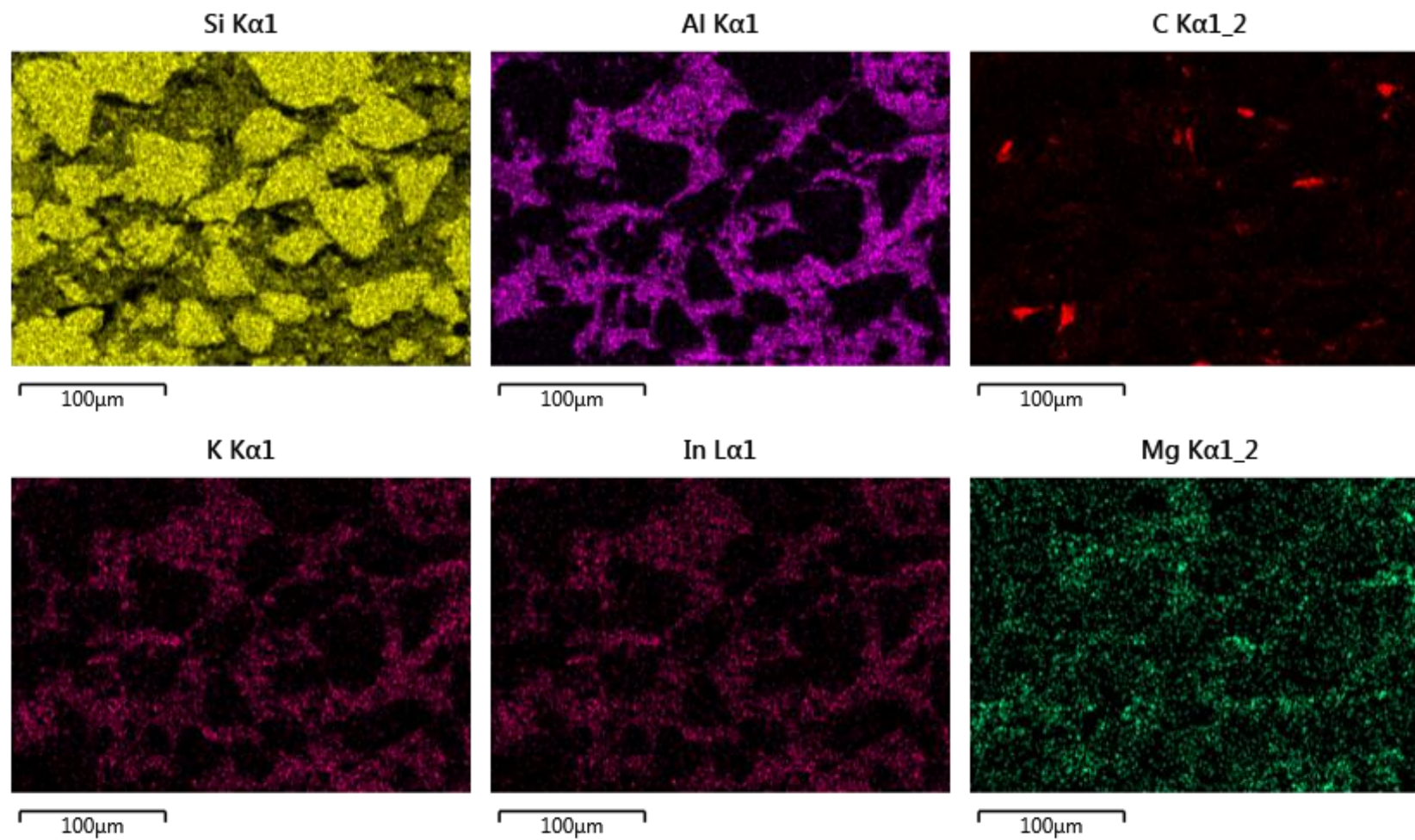


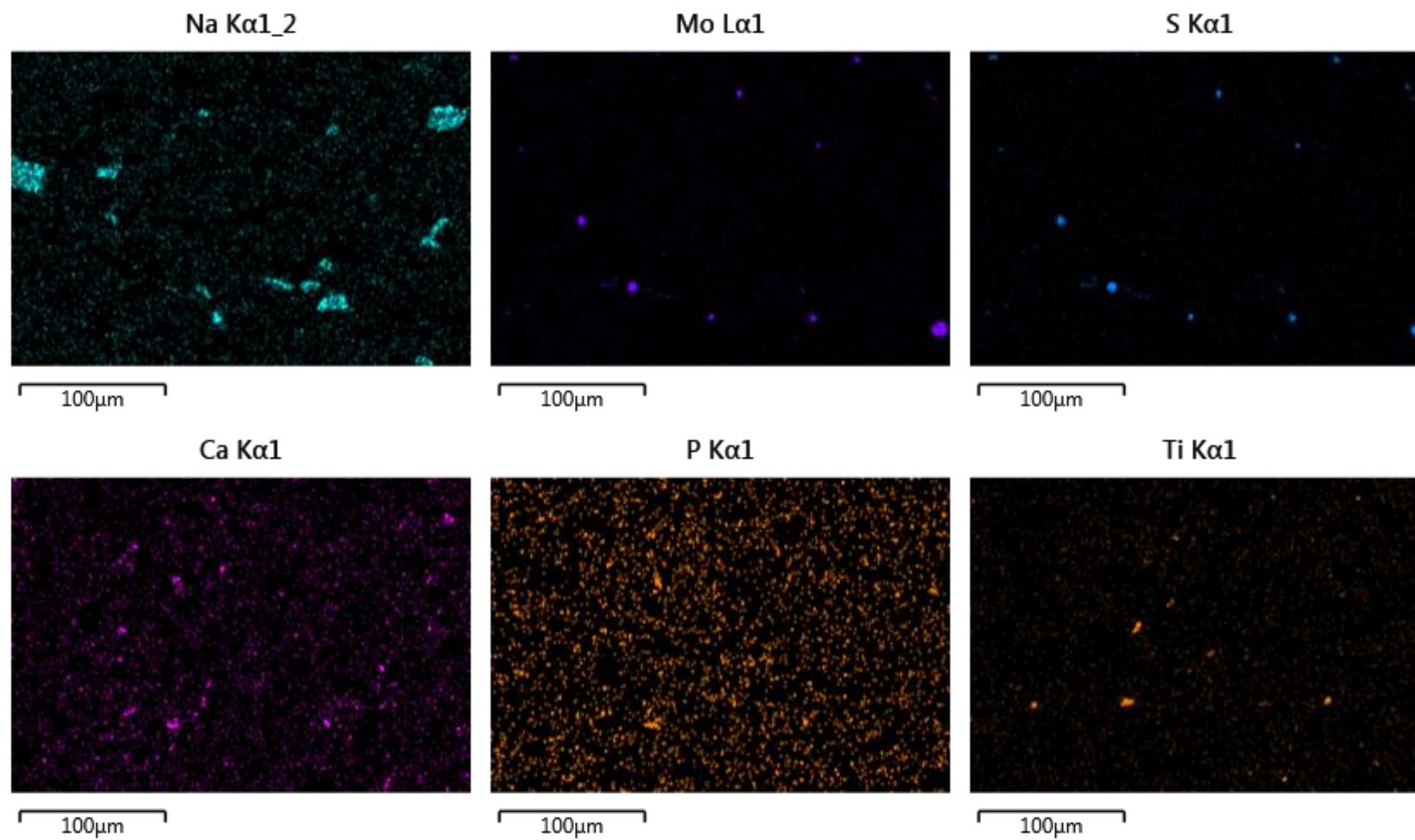


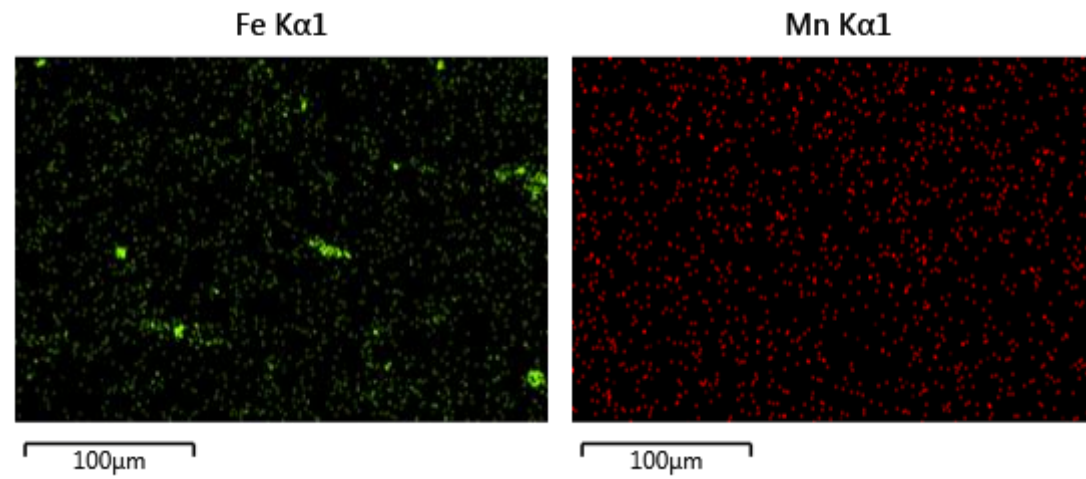


EDS Layered Image 1

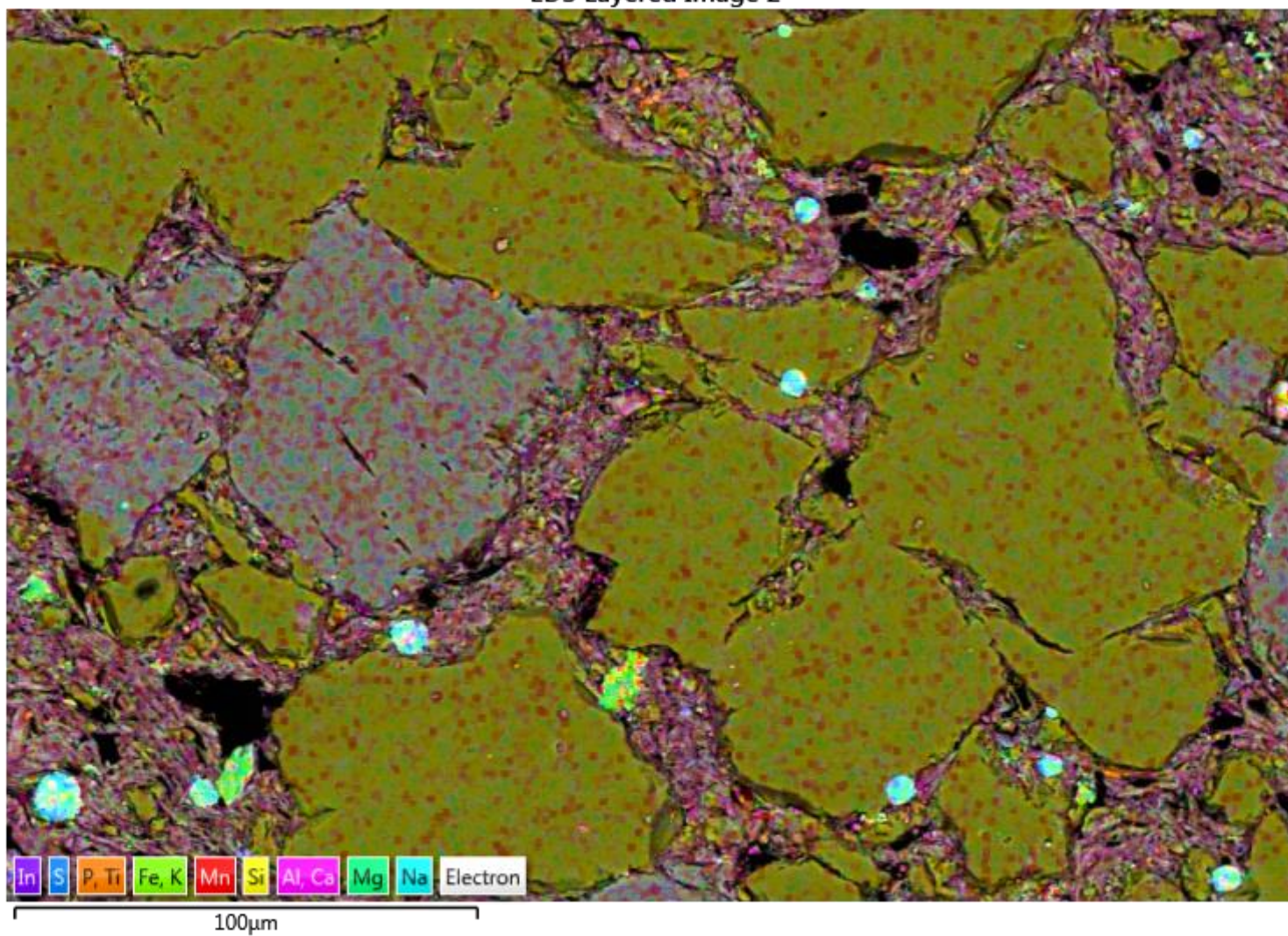


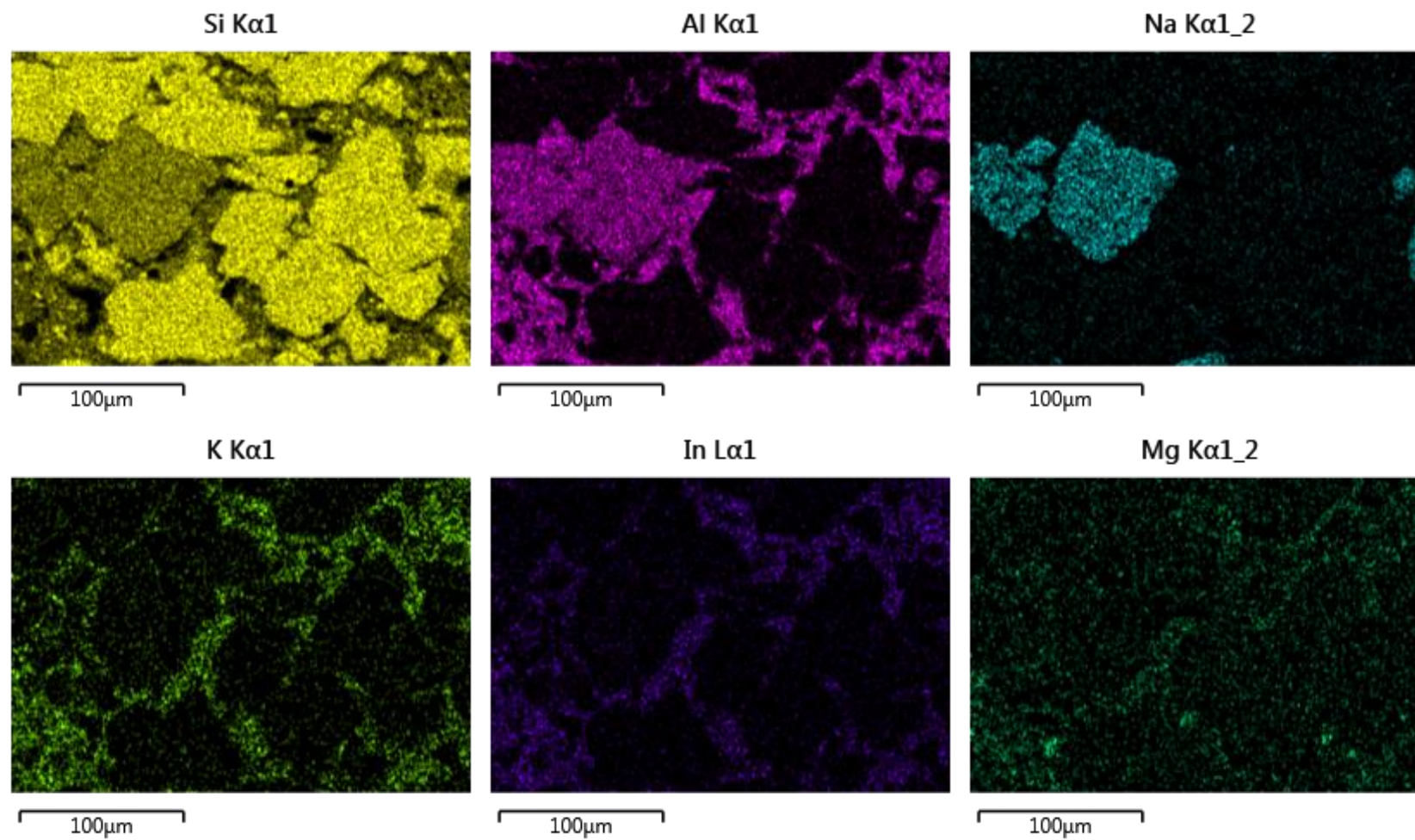


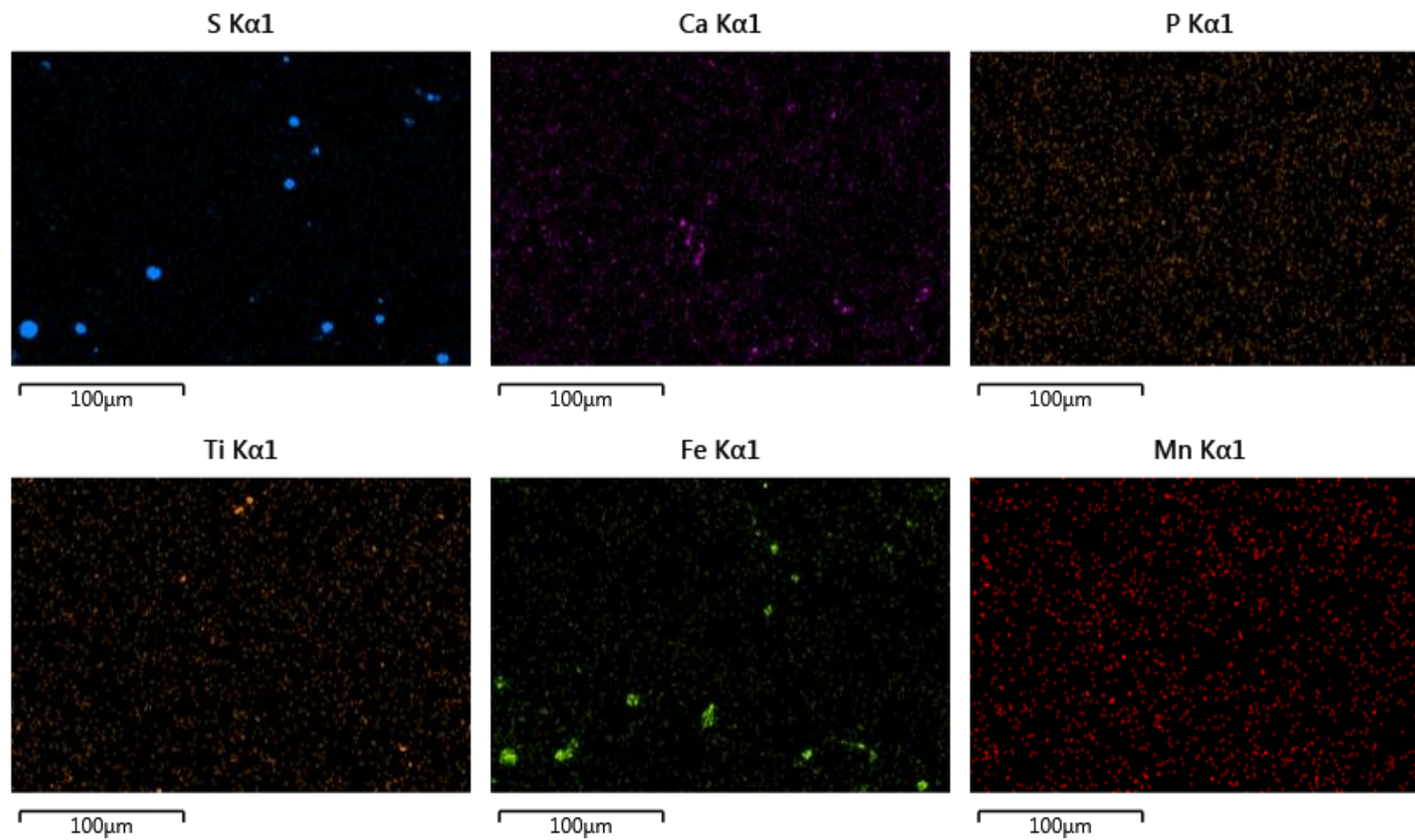




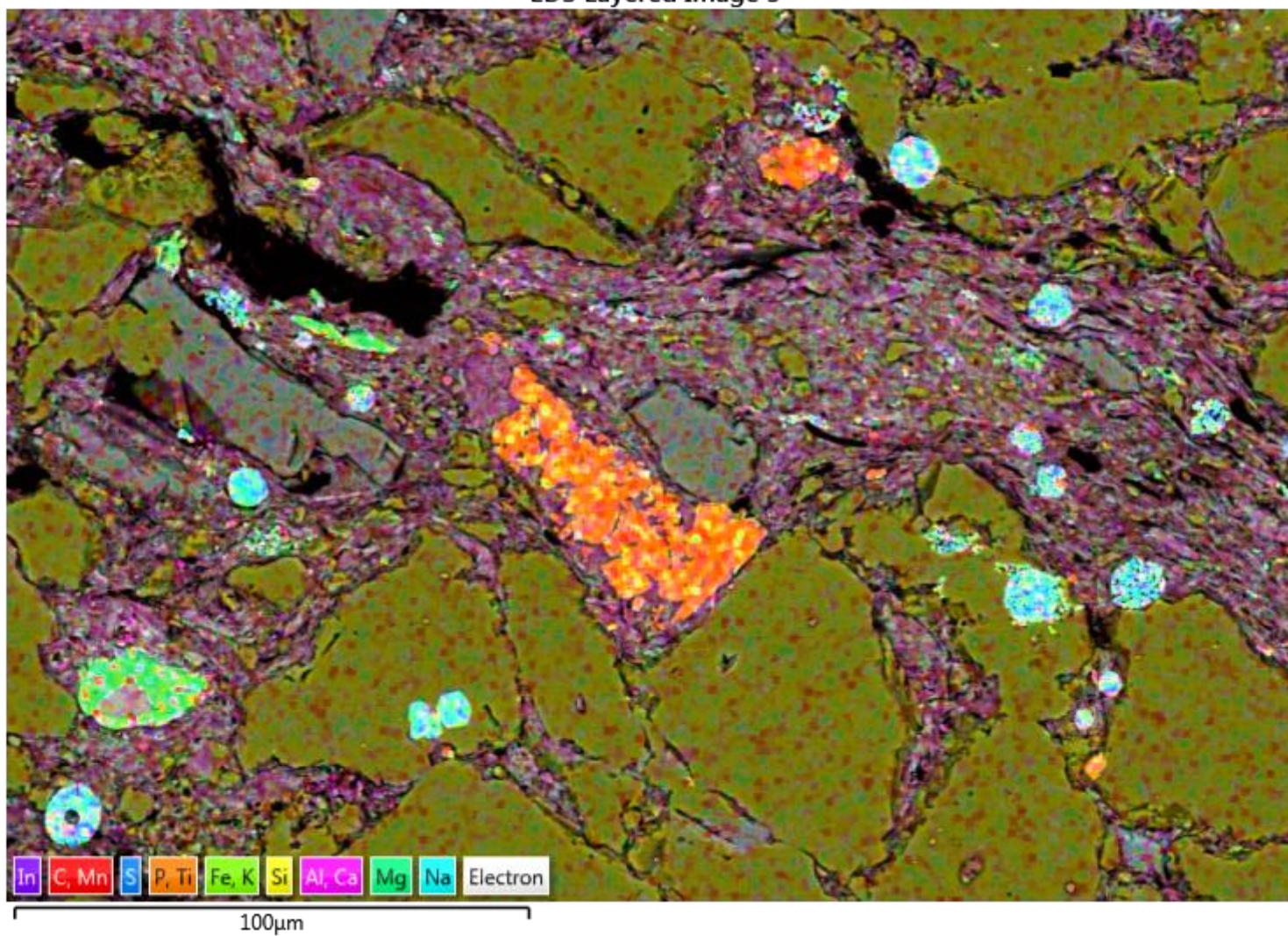
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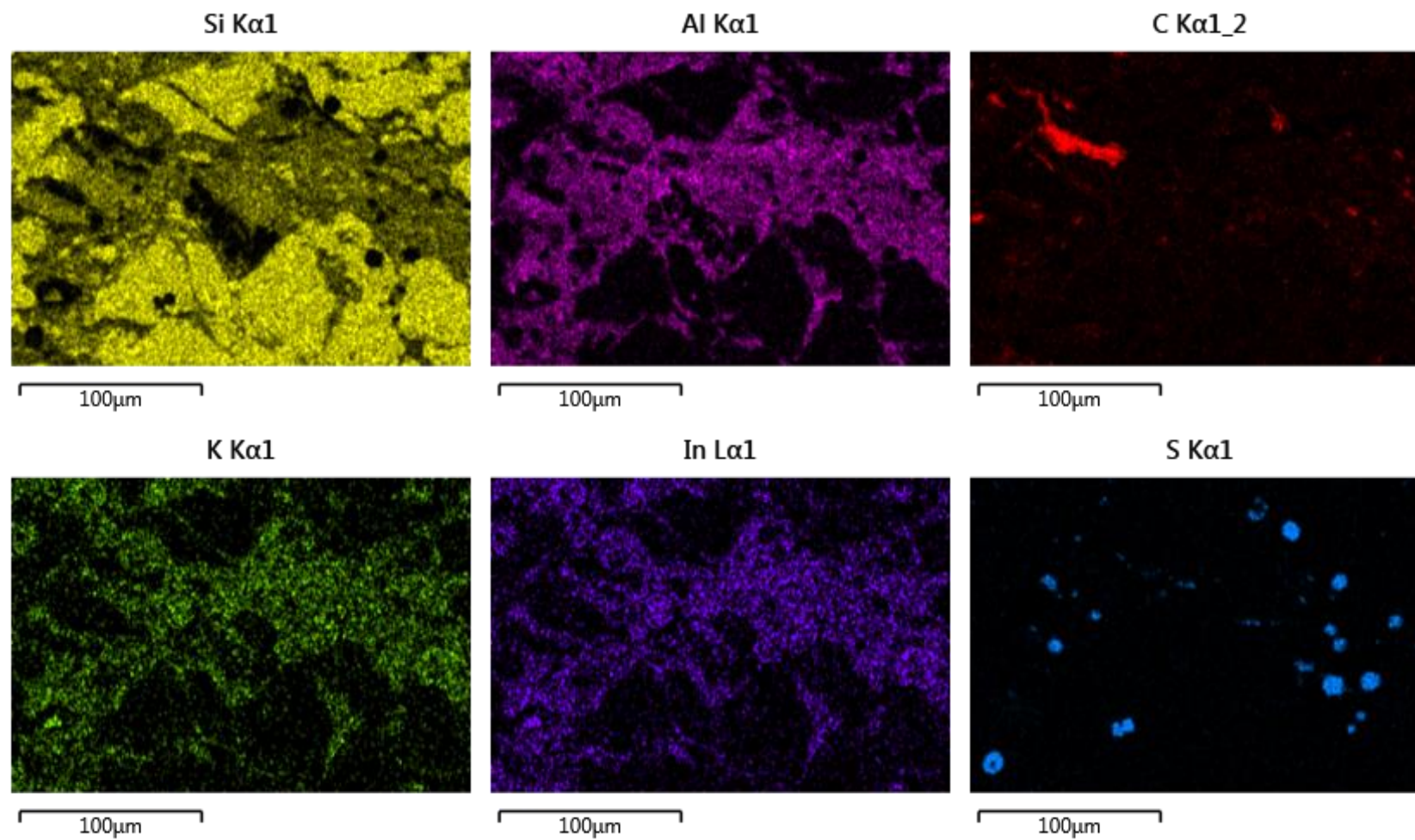


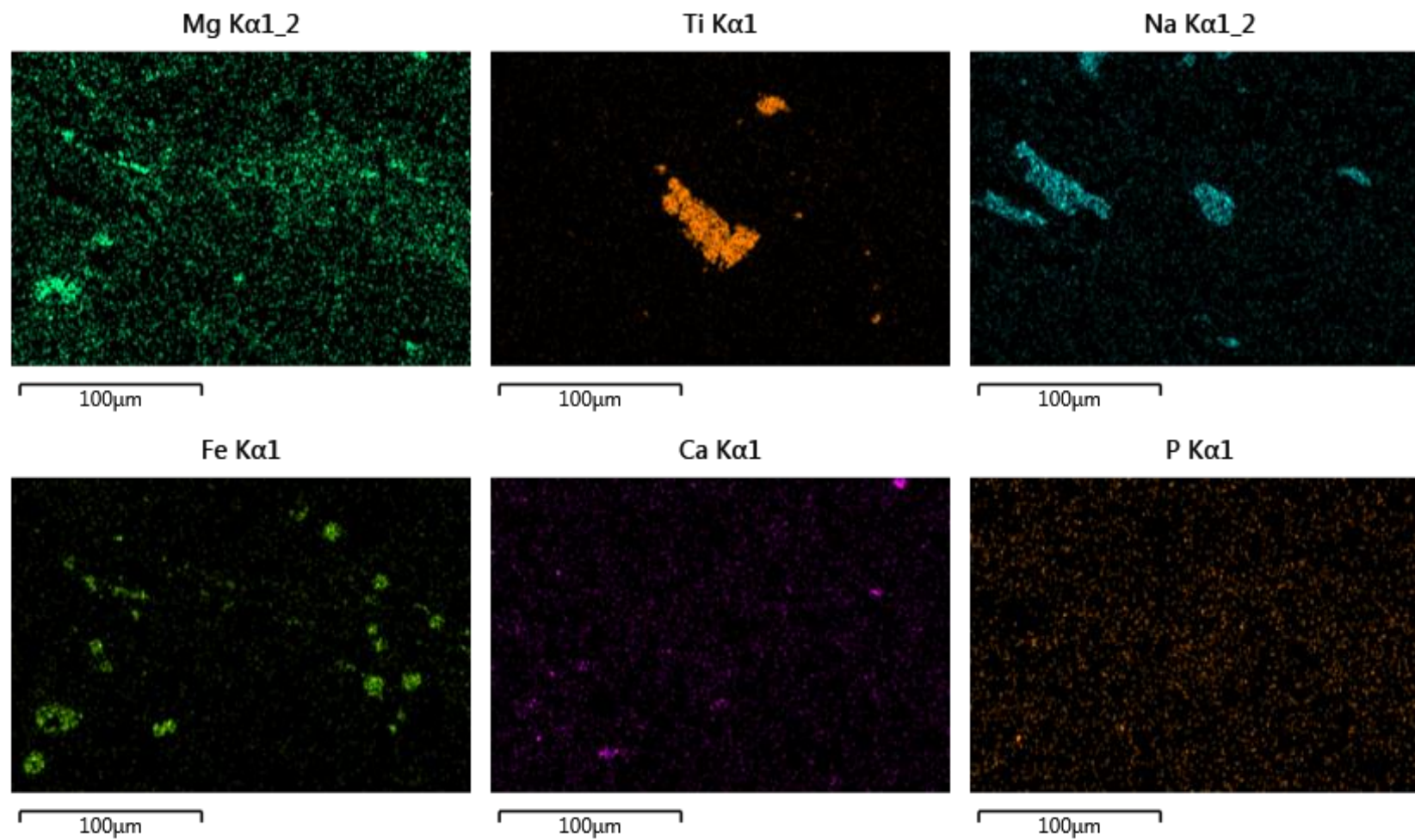




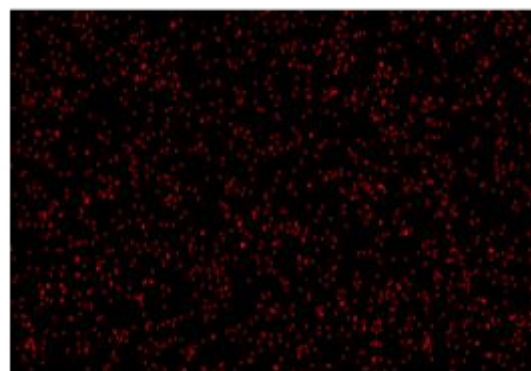
EDS Layered Image 3





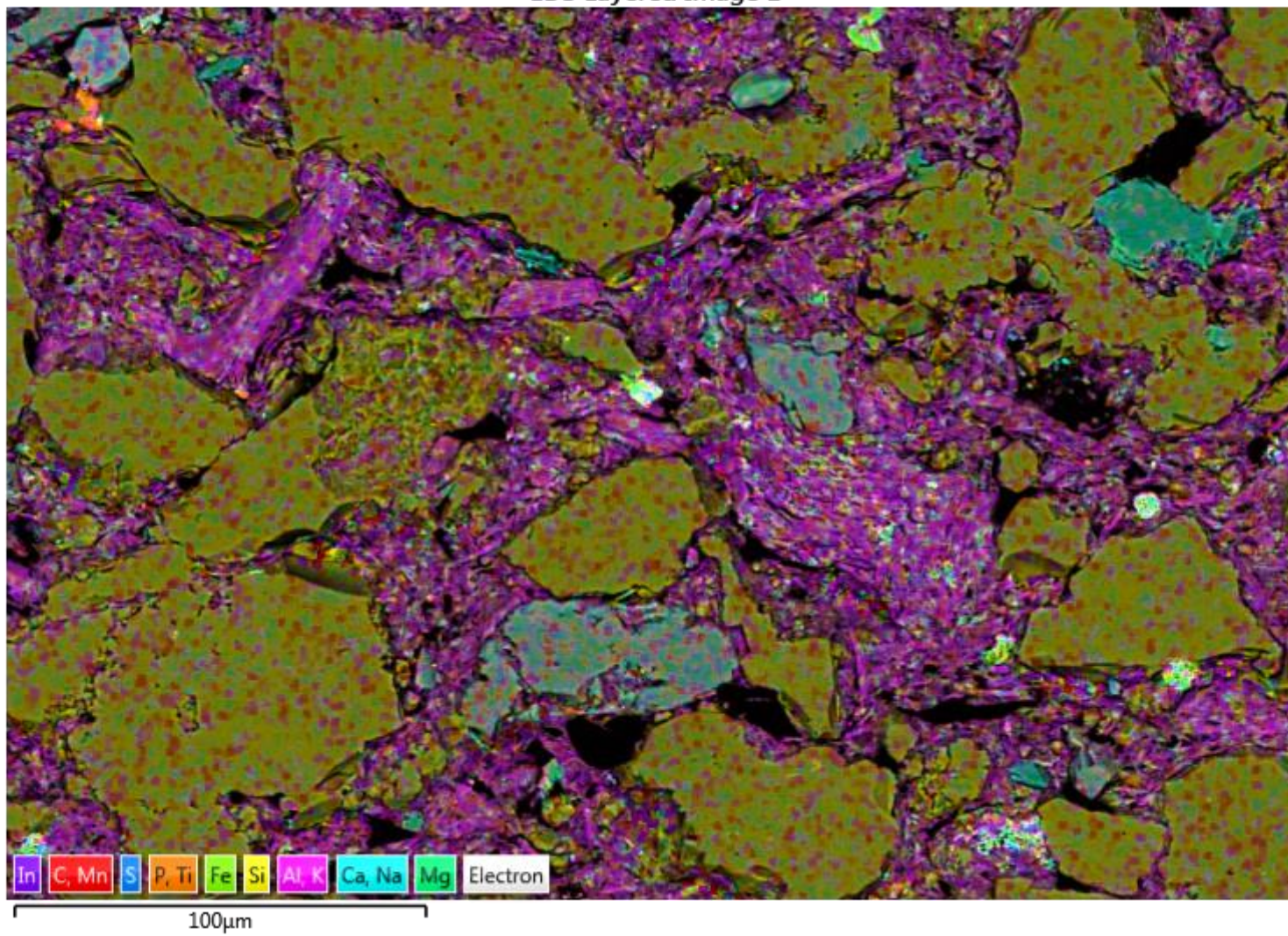


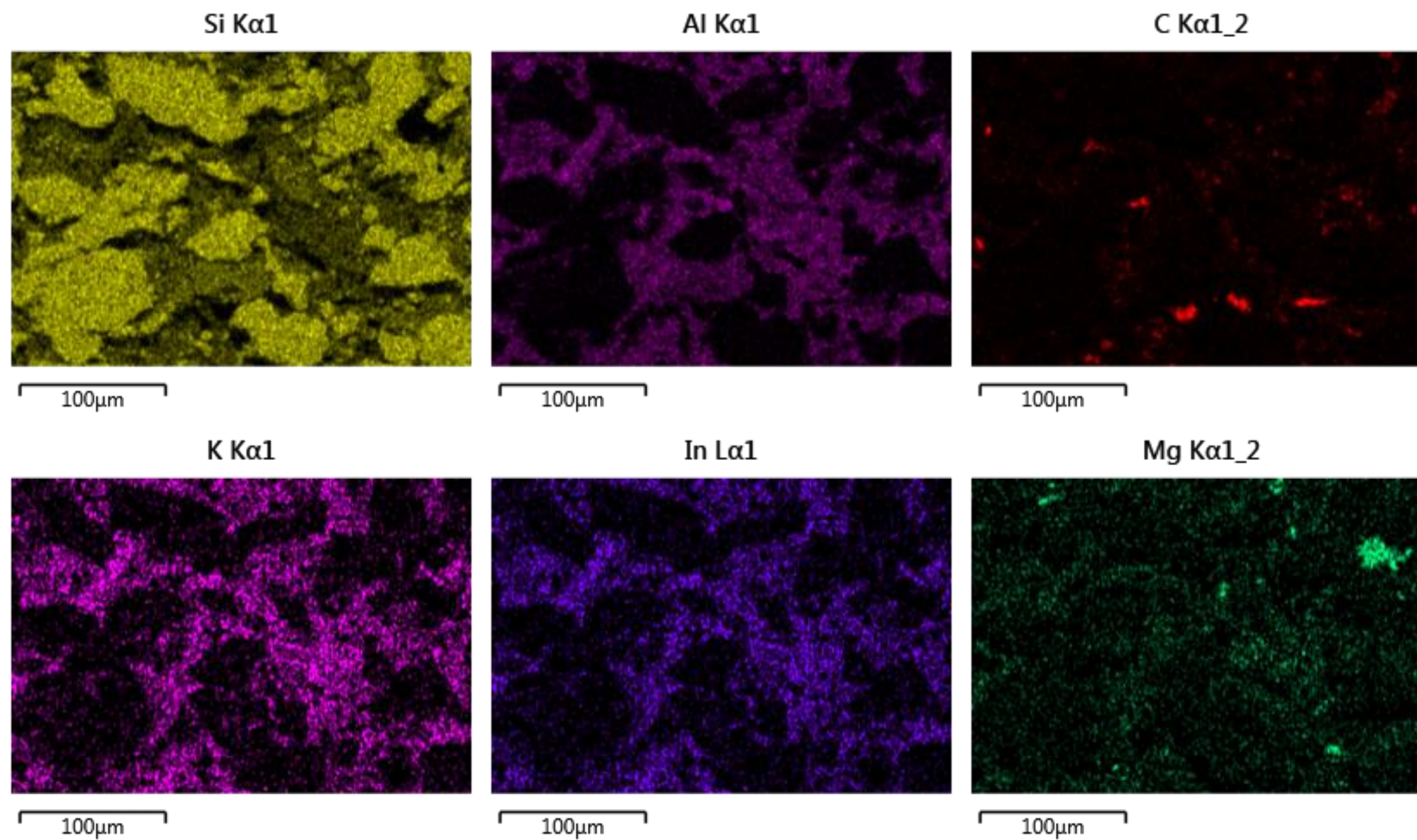
Mn K α 1

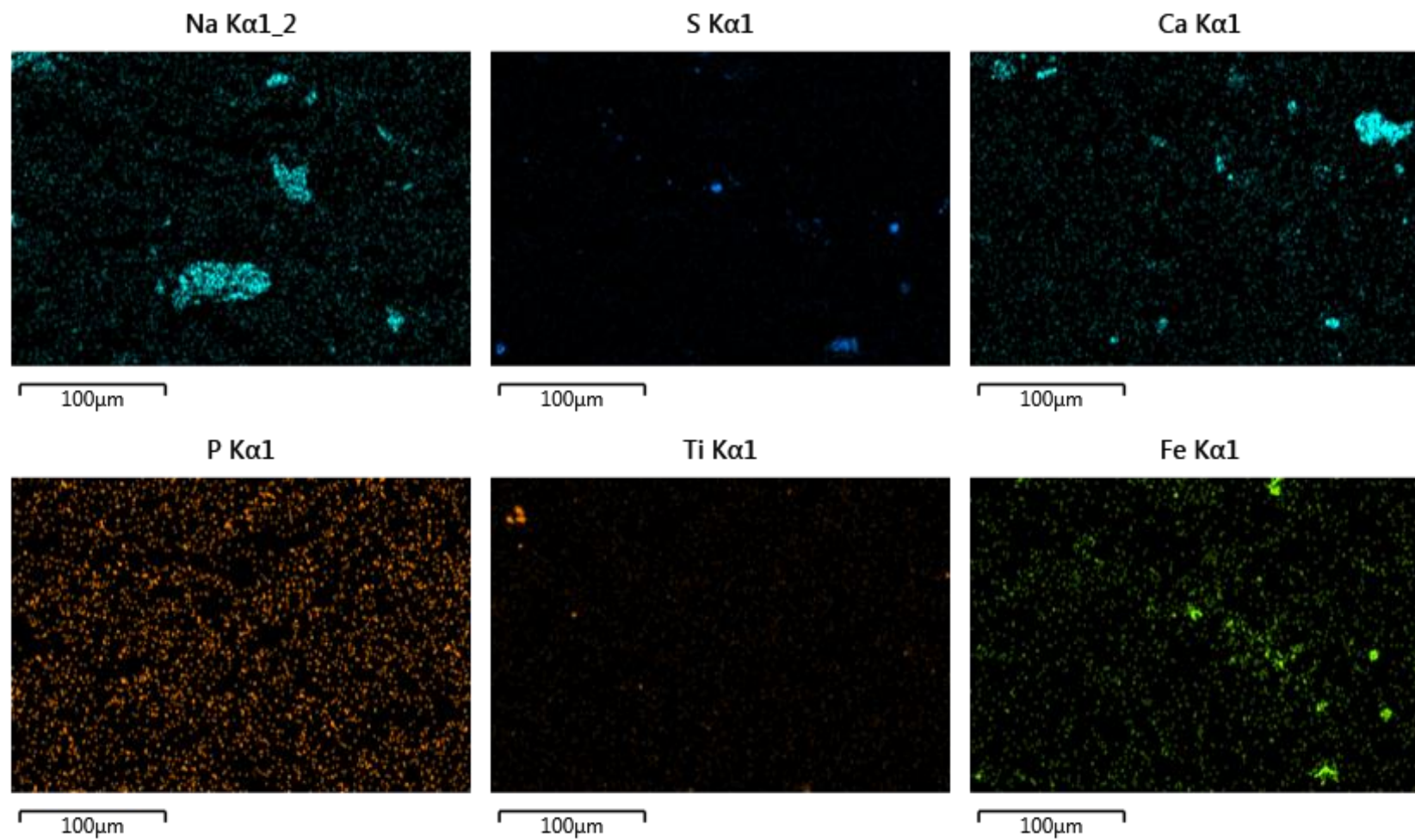


100 μ m

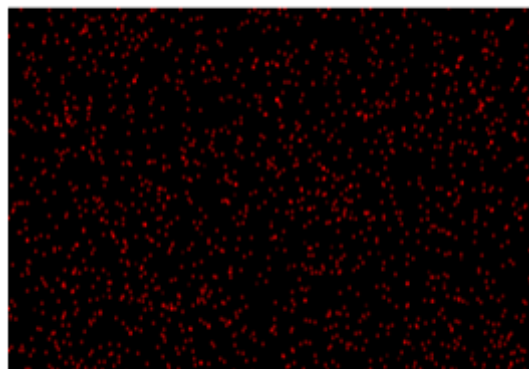
EDS Layered Image 1





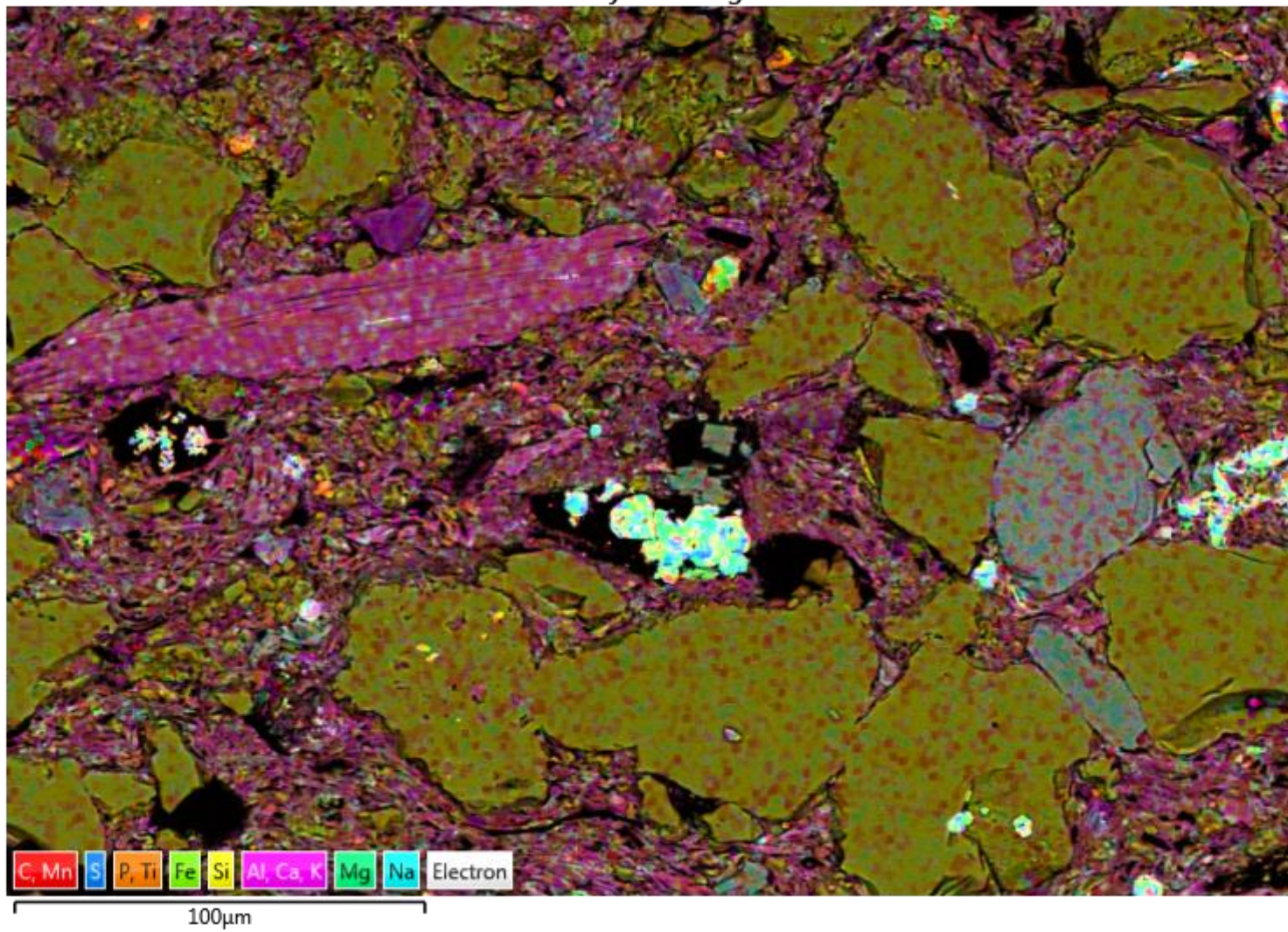


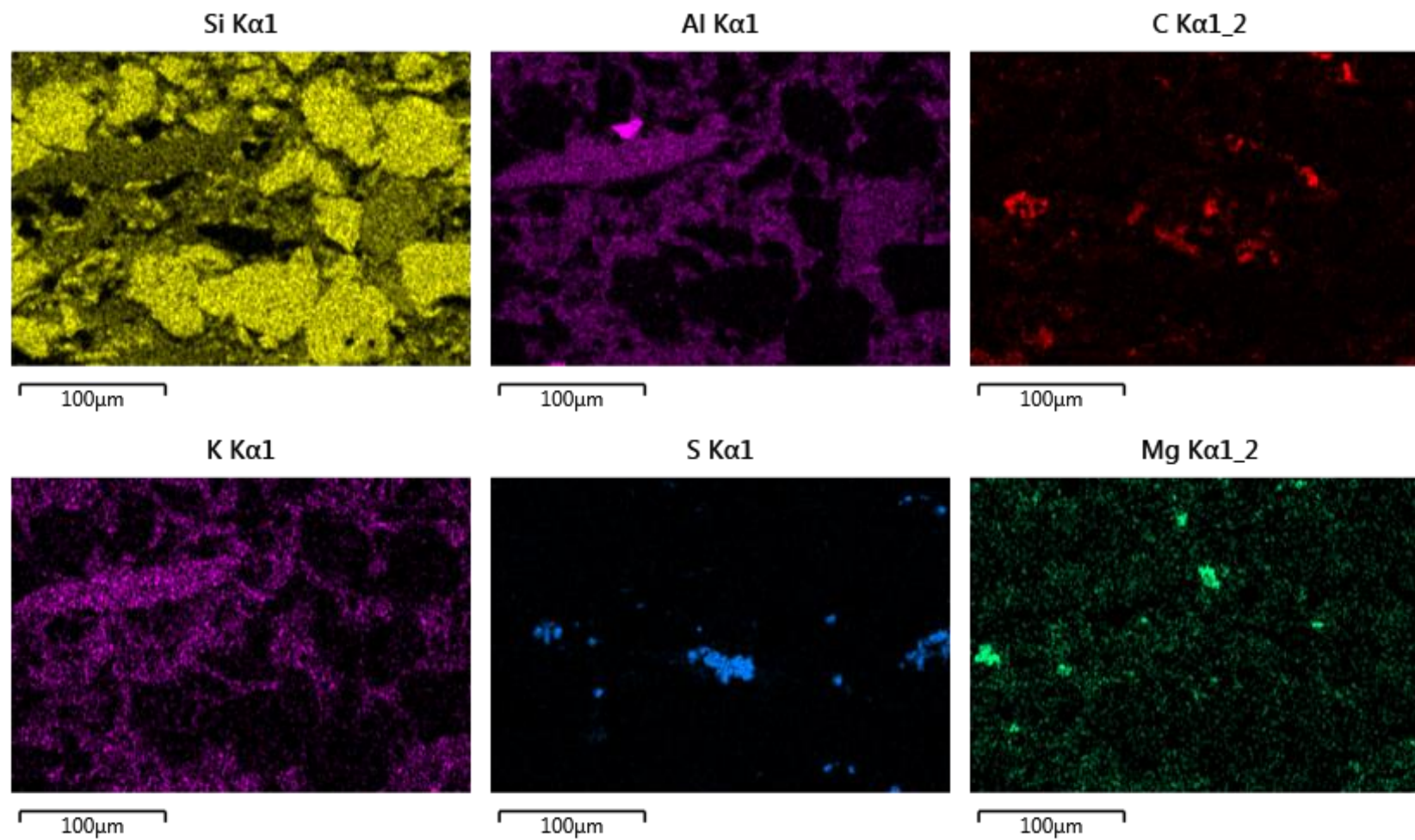
Mn K α 1

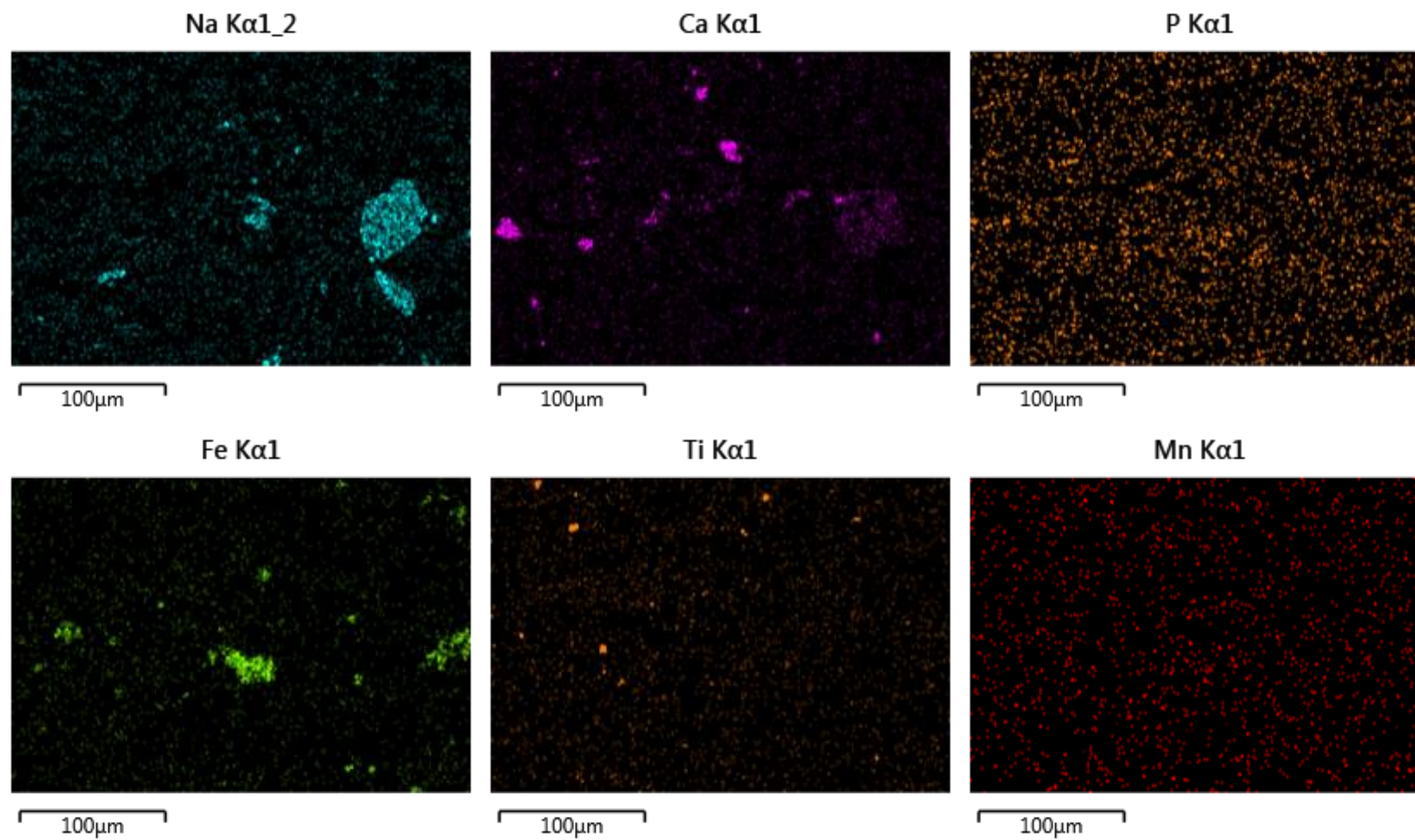


100 μ m

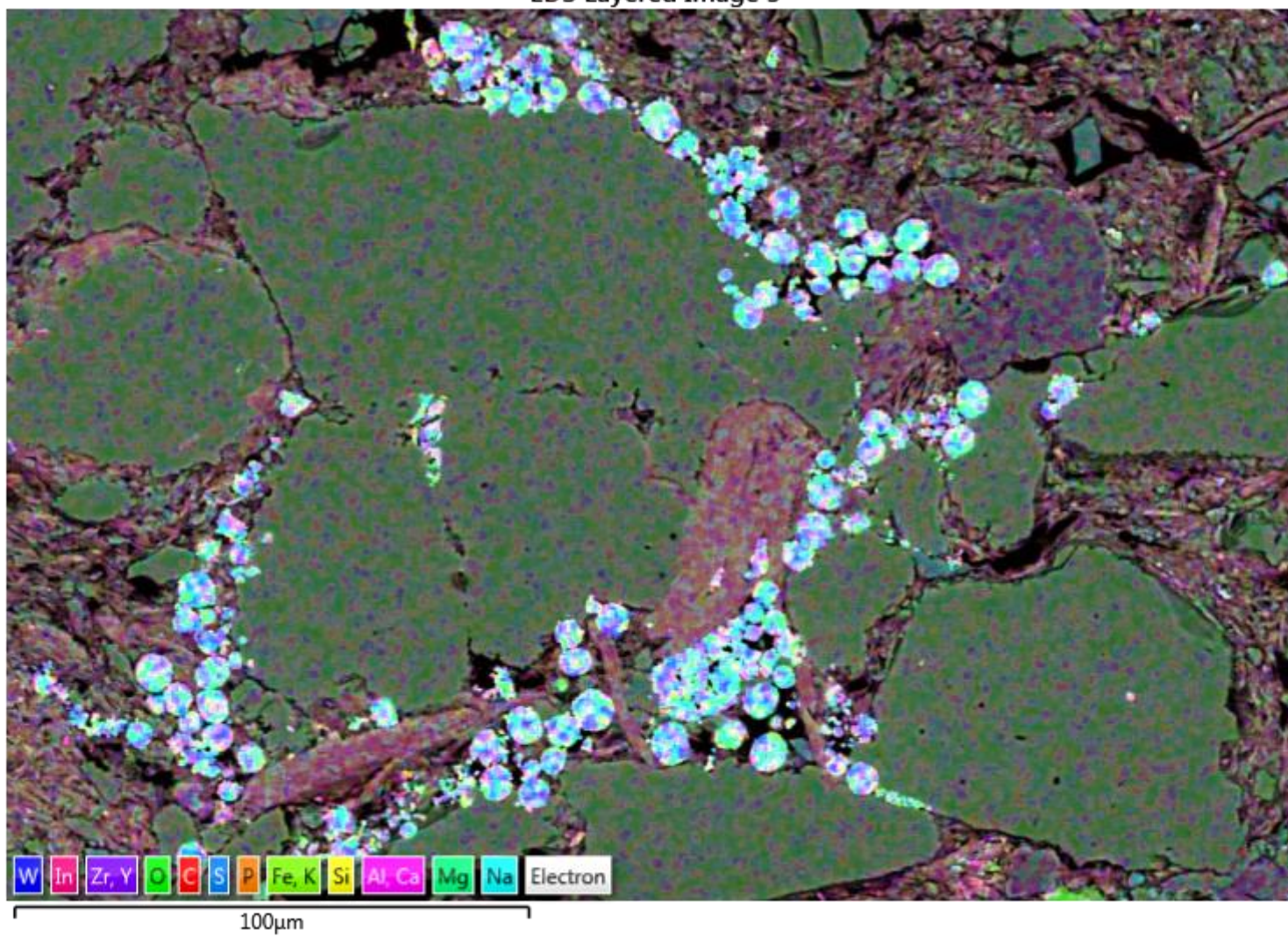
EDS Layered Image 2

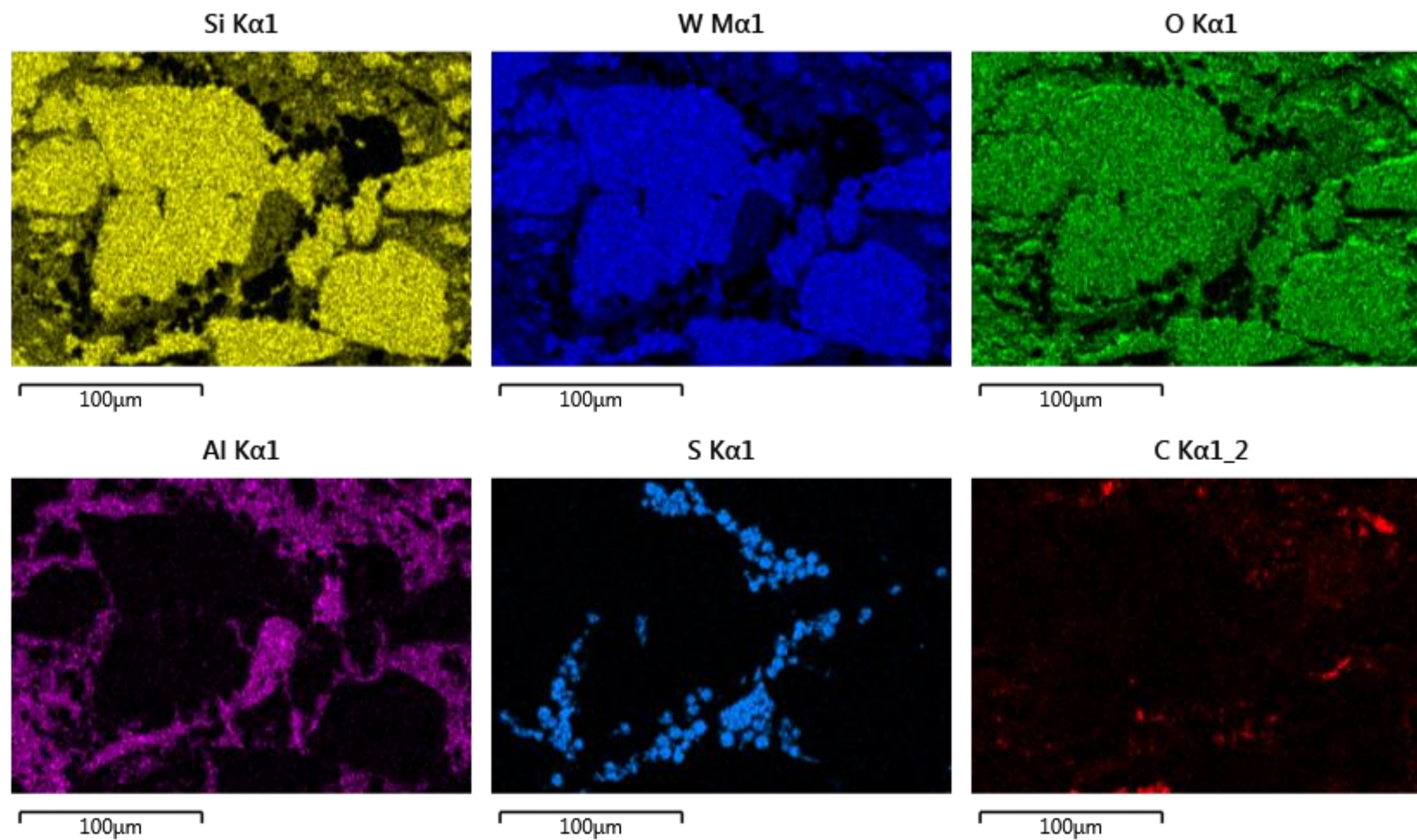


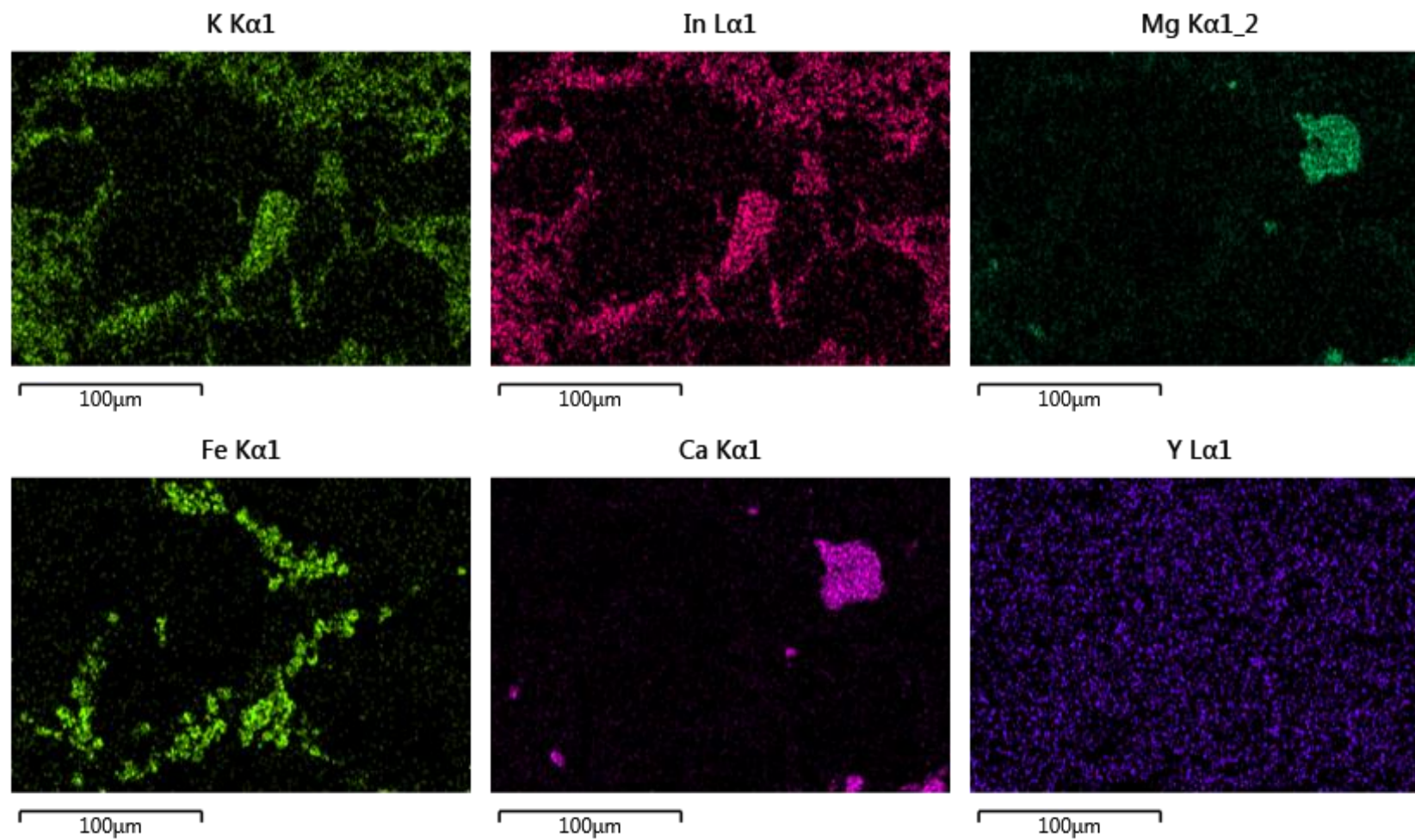


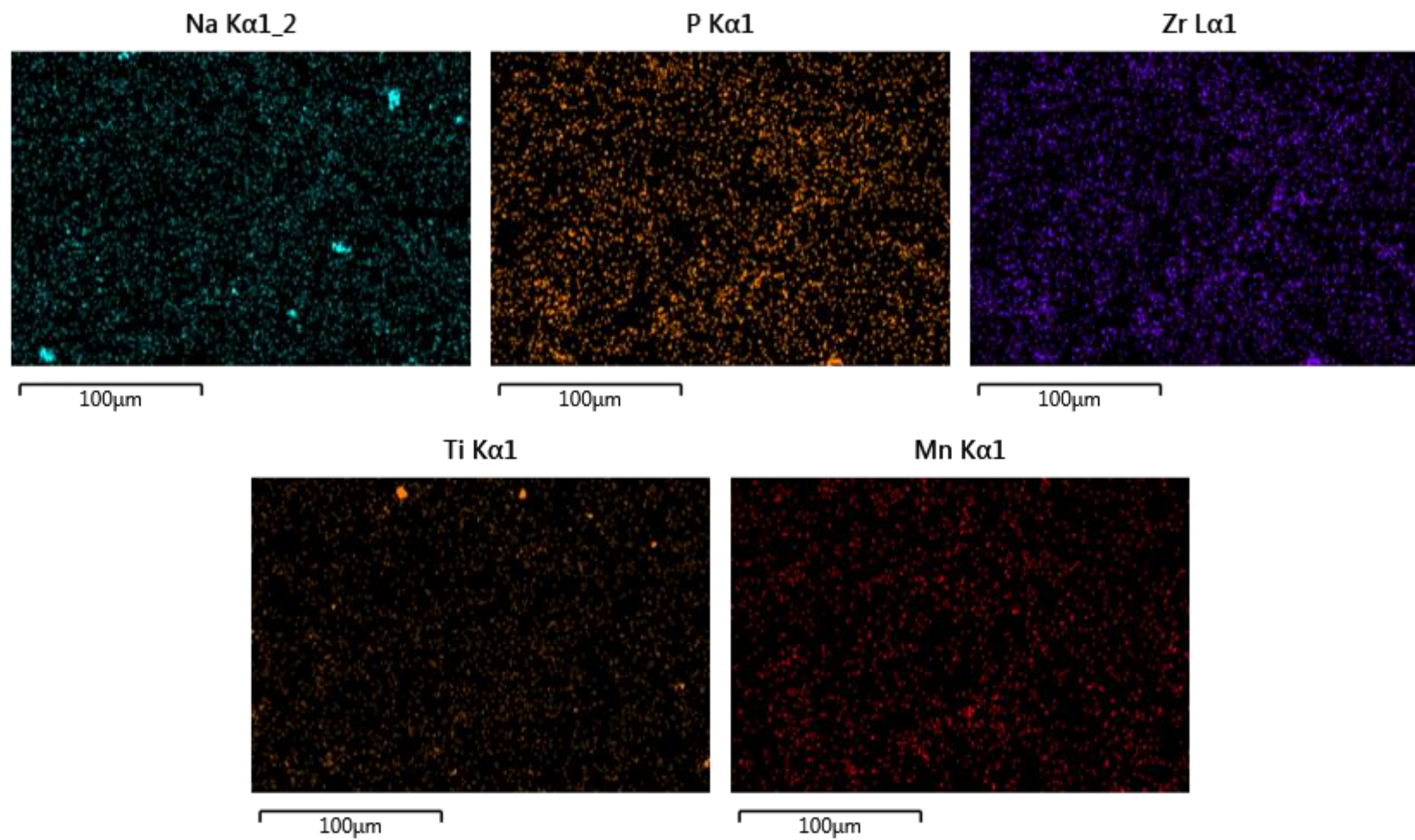


EDS Layered Image 3

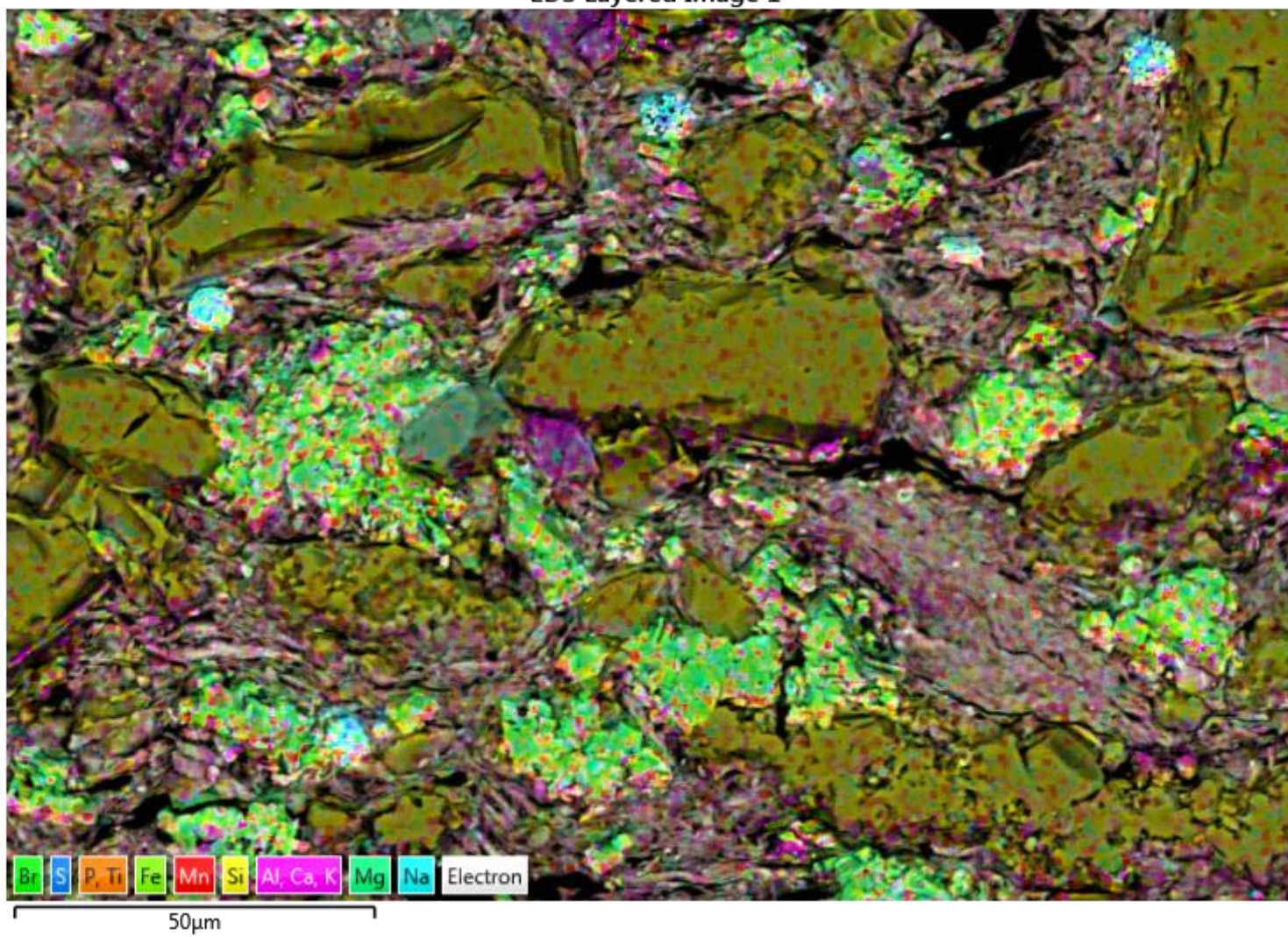


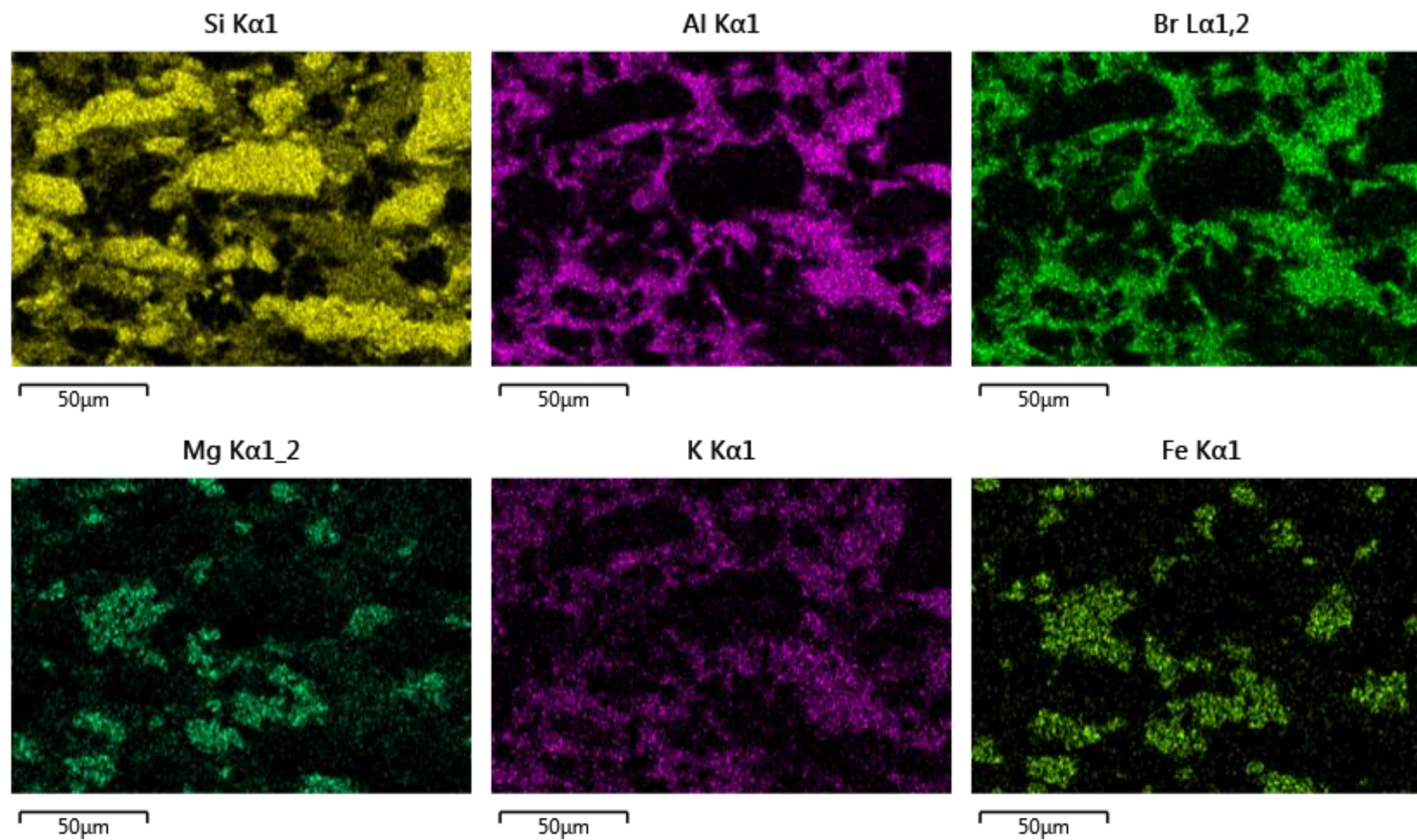


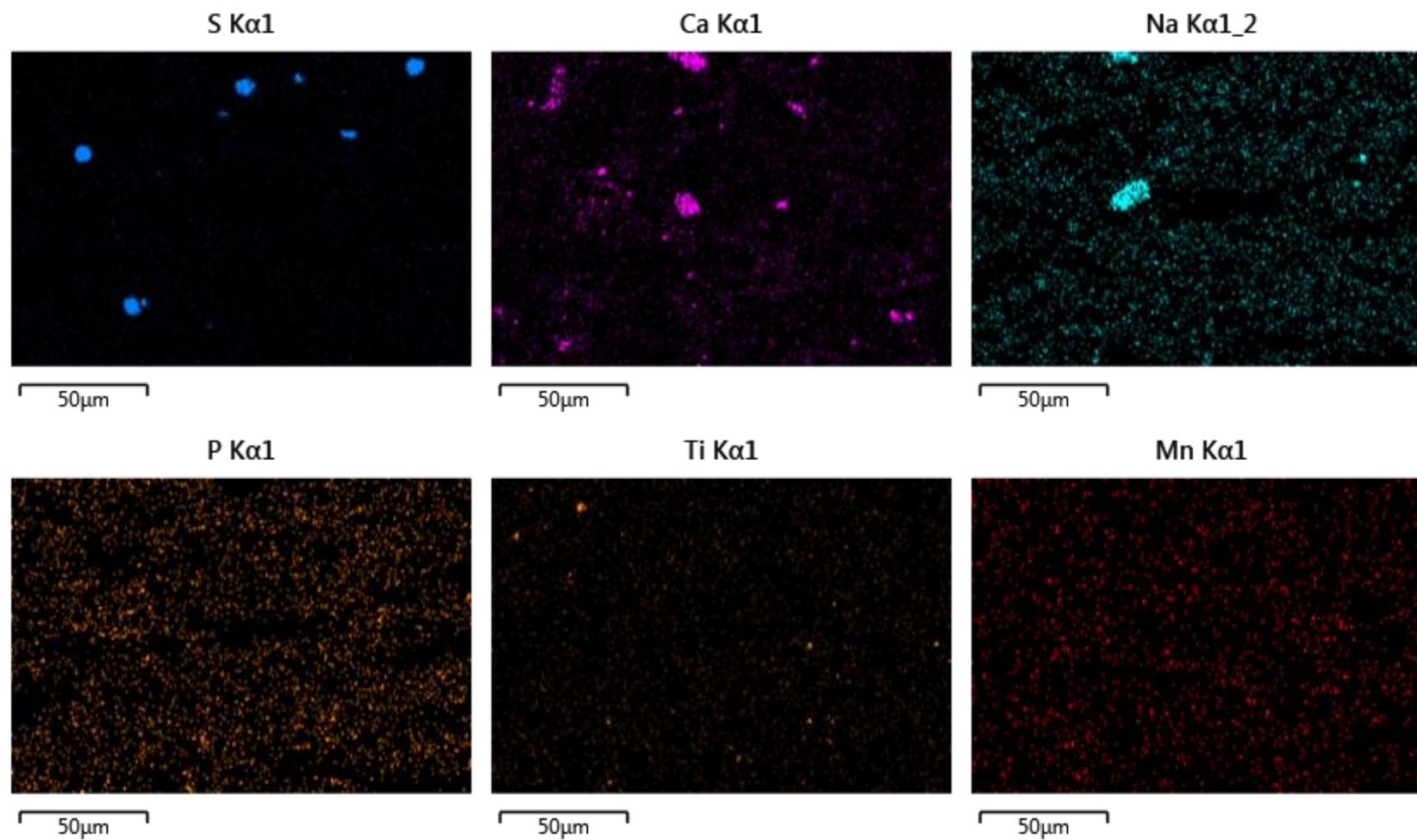




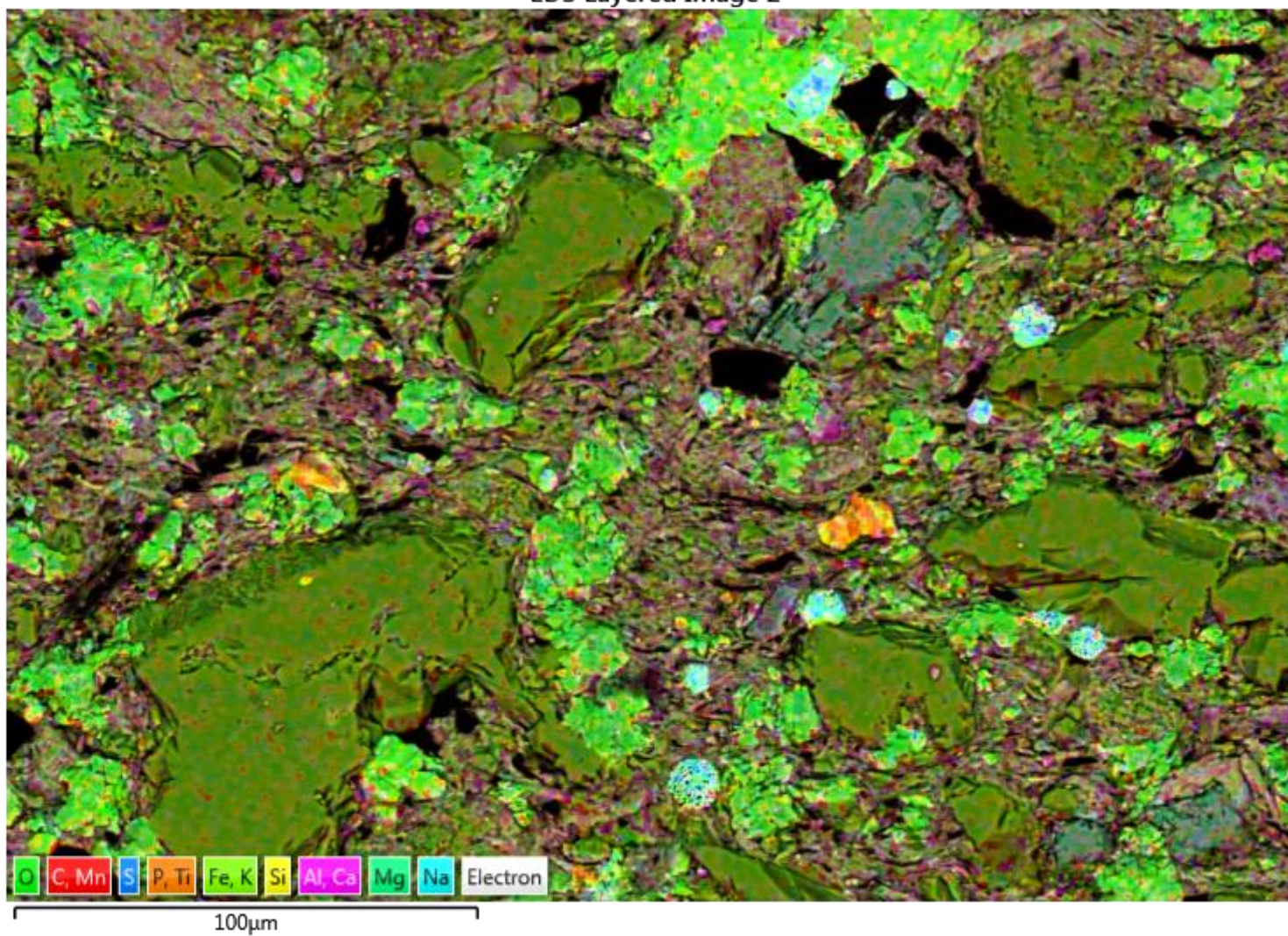
EDS Layered Image 1

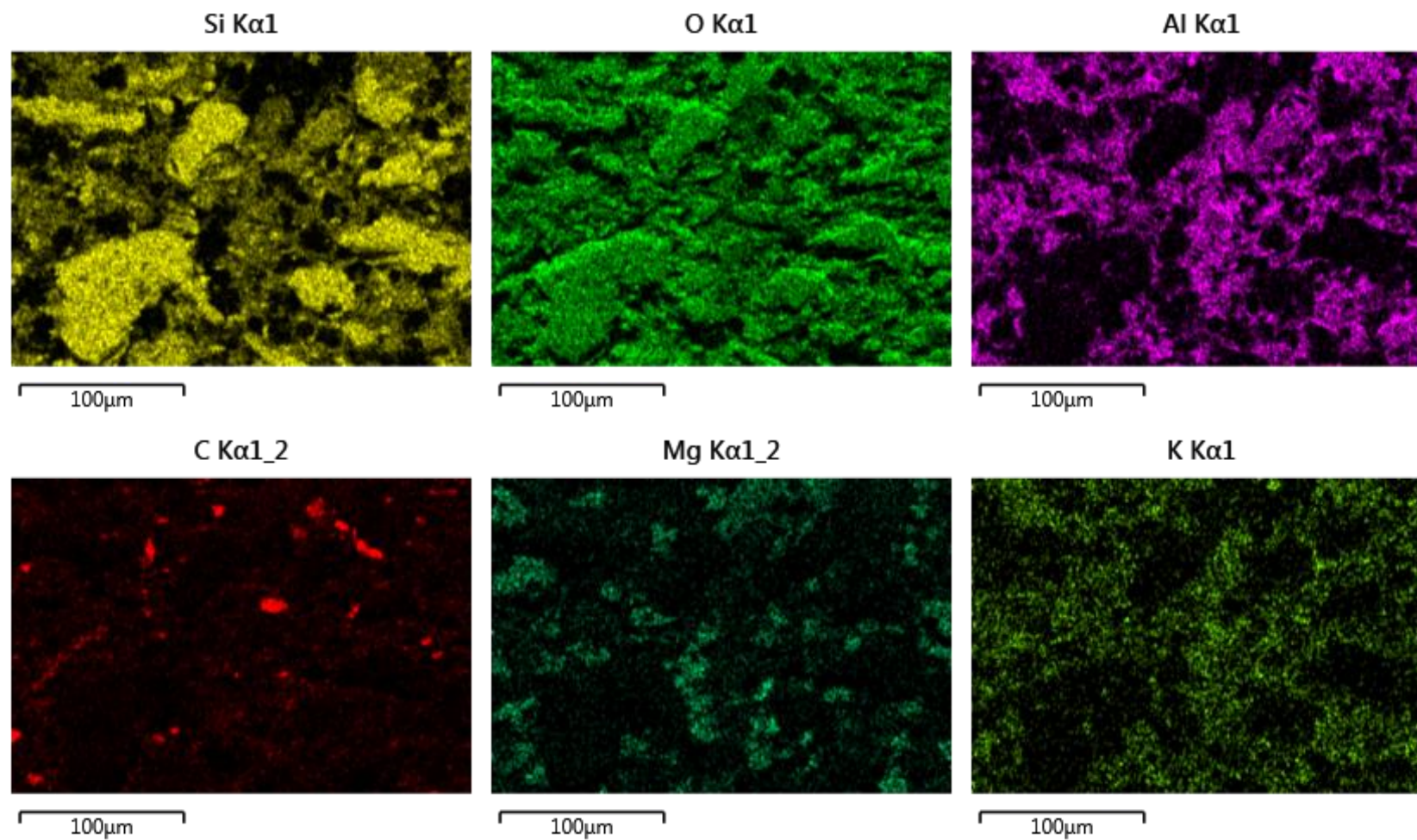


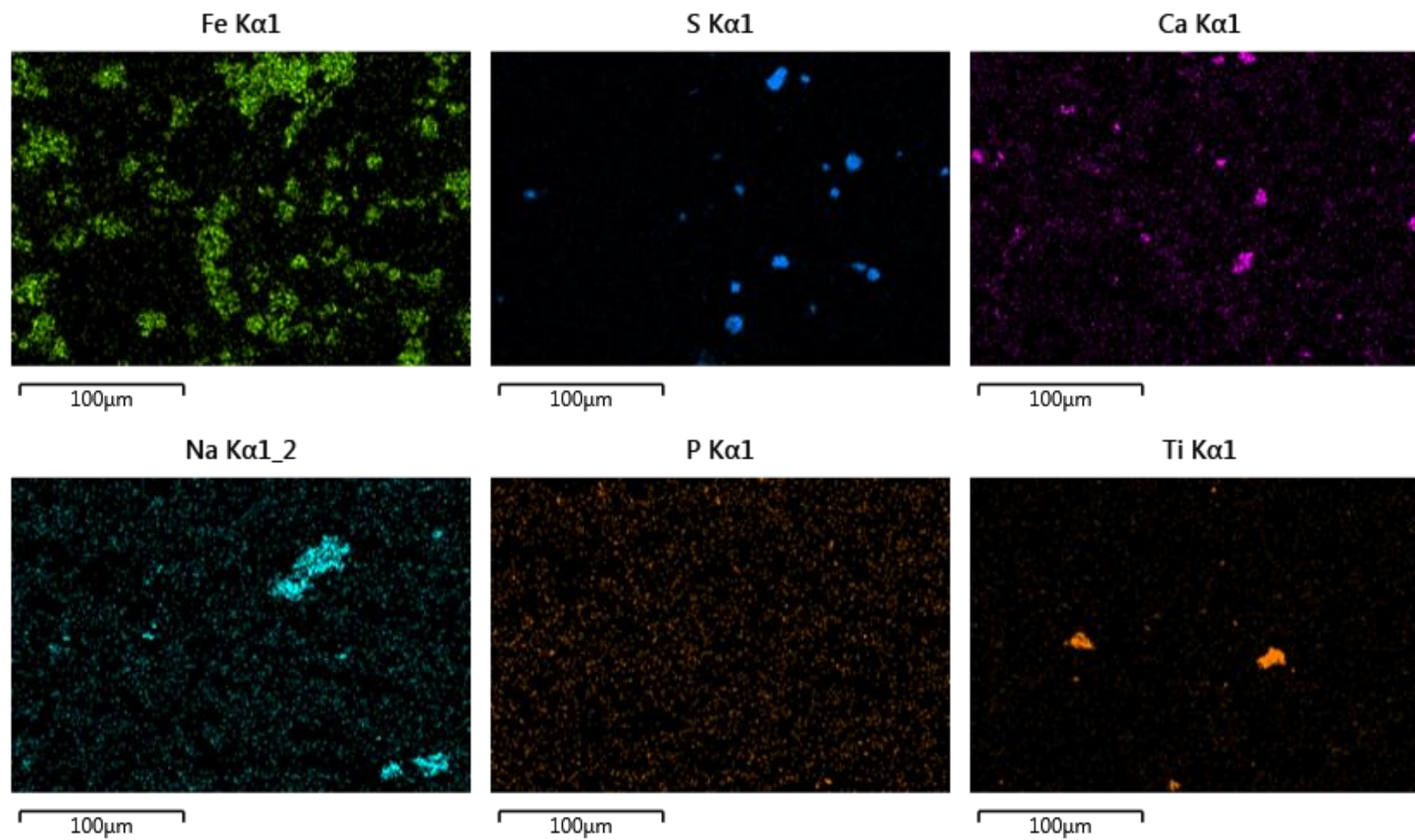




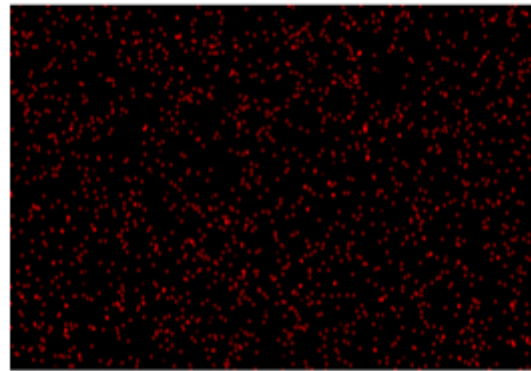
EDS Layered Image 2





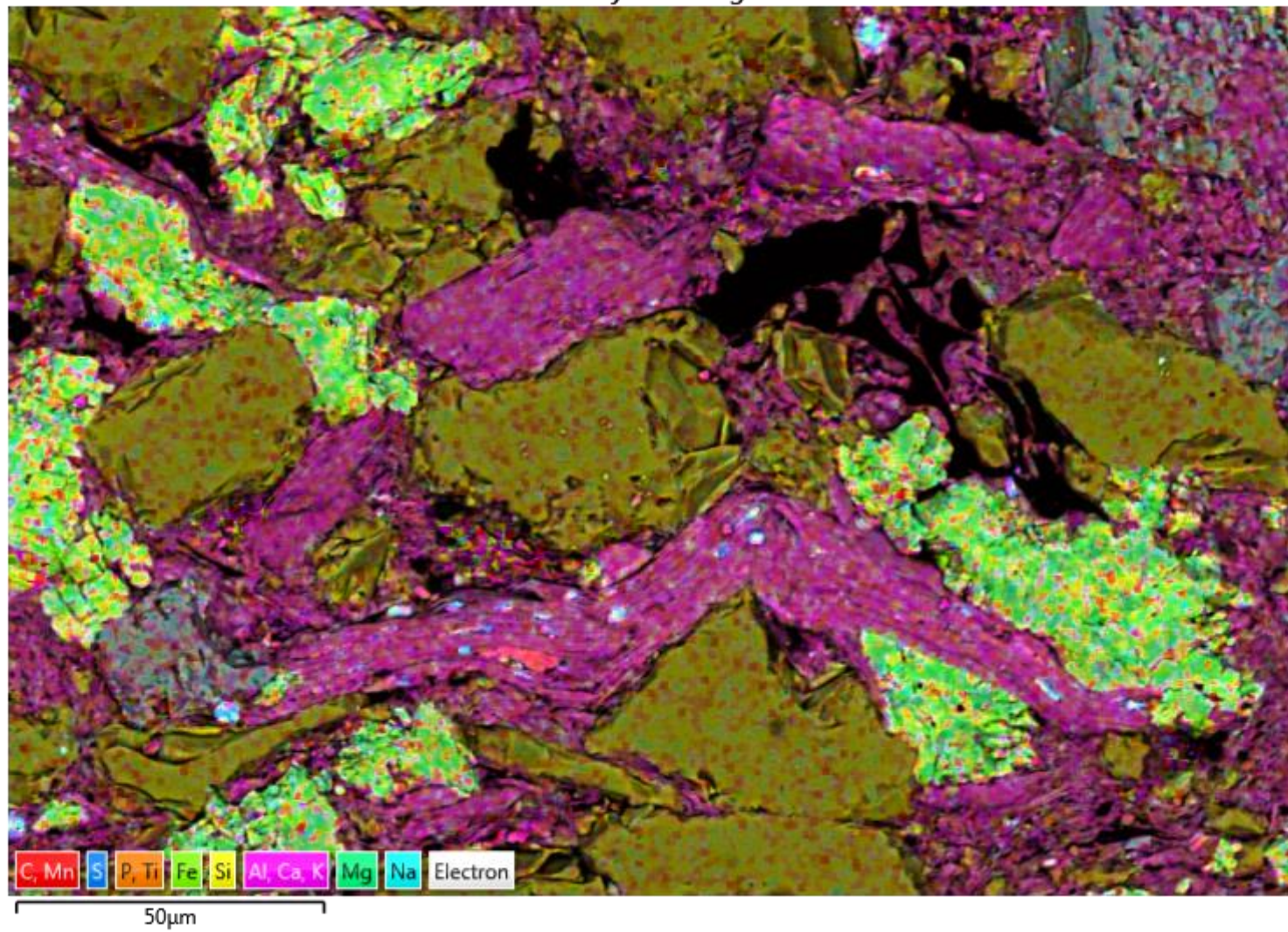


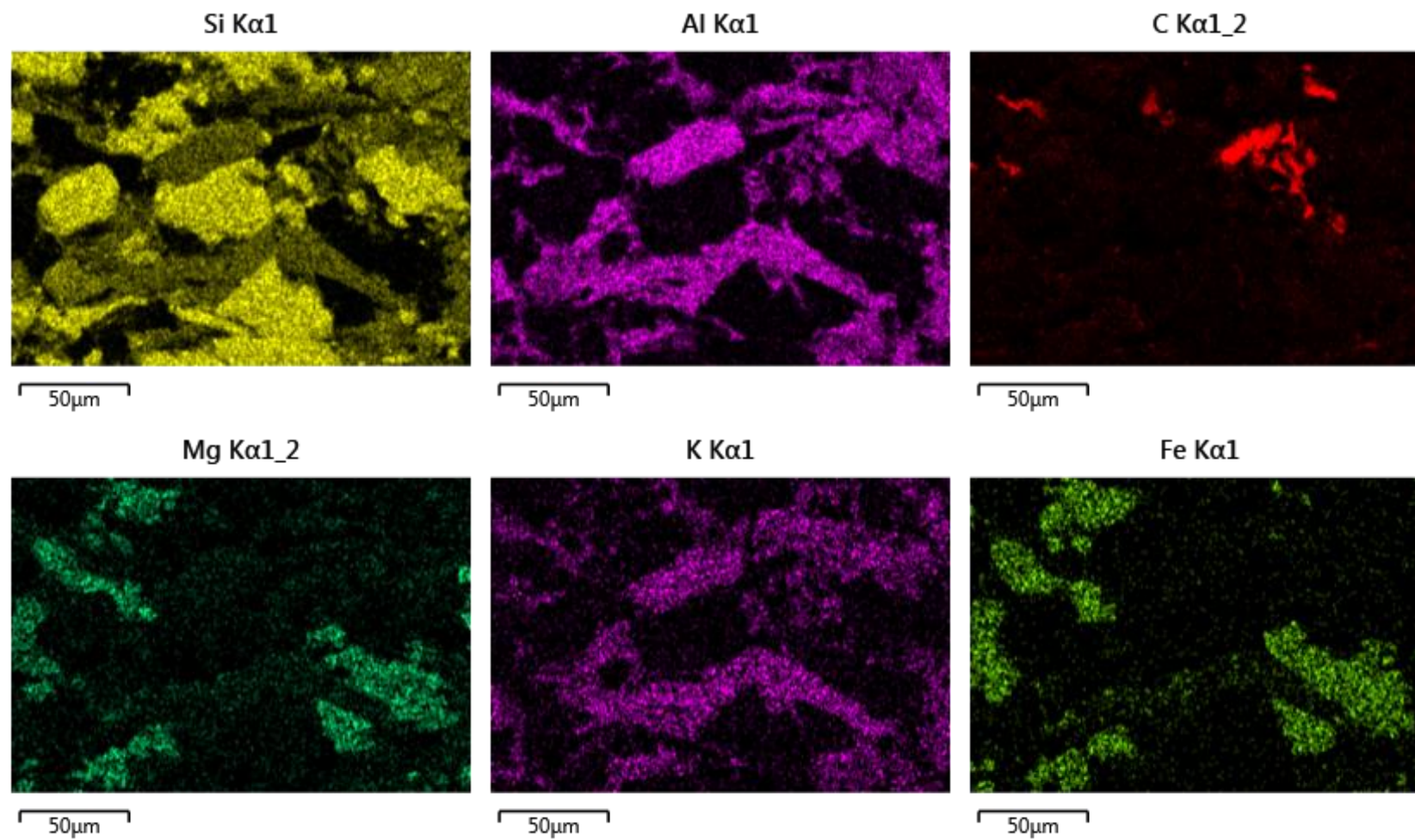
Mn K α 1

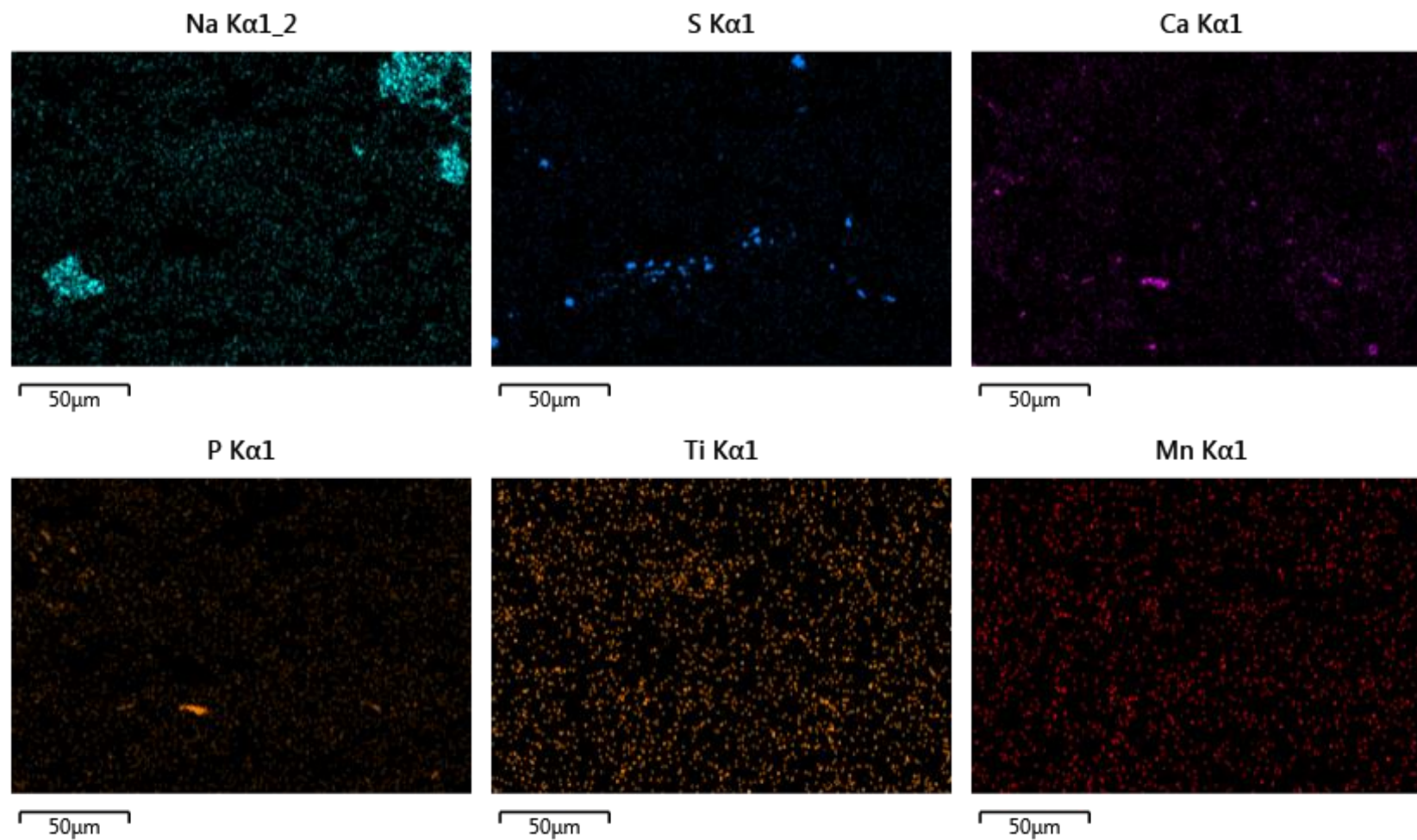


100 μ m

EDS Layered Image 3







EDS Layered Image 4

